



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

### Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

### About Google Book Search

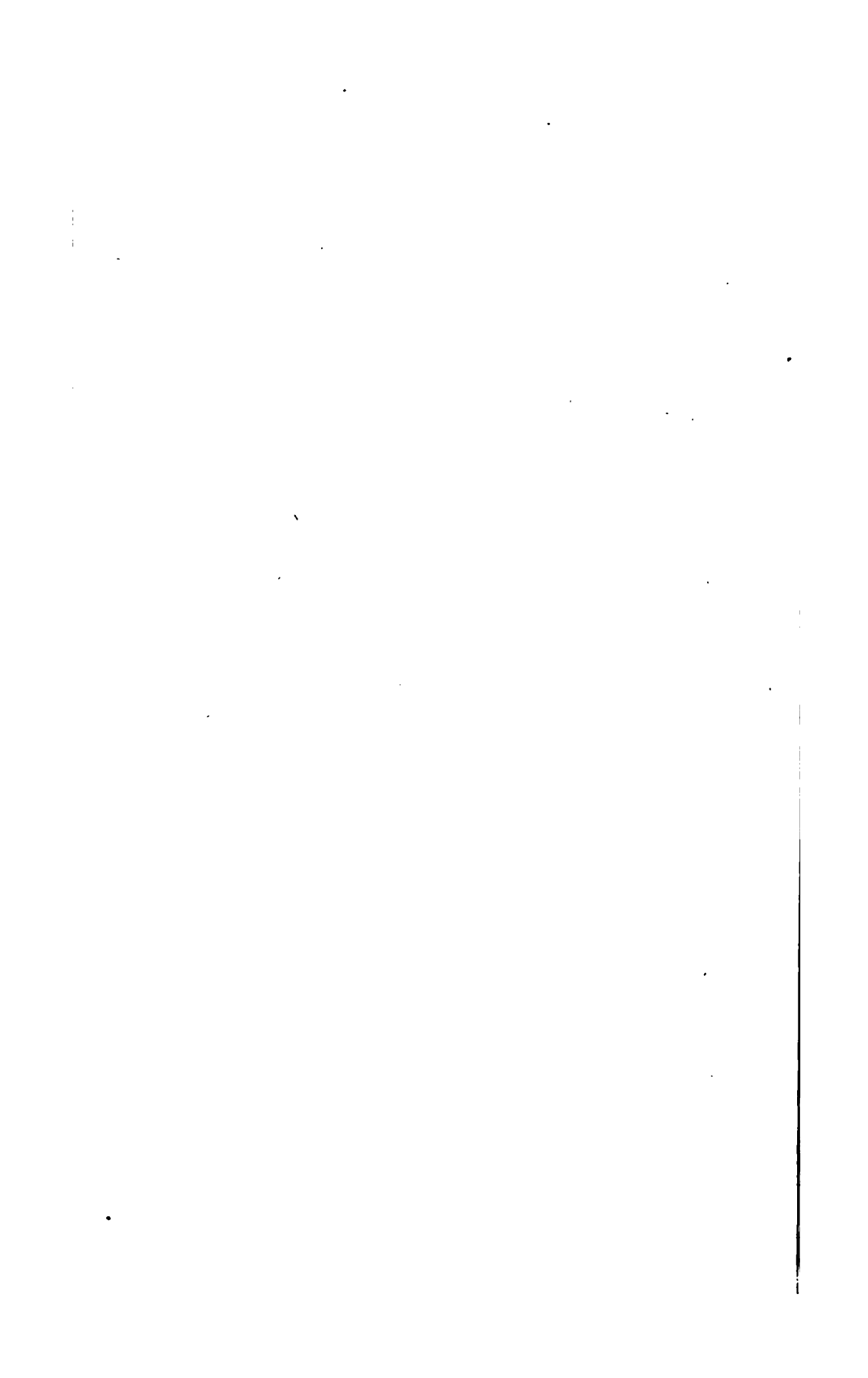
Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>



38.

792.





**ARBORETUM ET FRUTICETUM  
BRITANNICUM.**

**VOL. V.**

**FIRST VOLUME OF PLATES.**



**LONDON :**  
**Printed by A. SPOTTISWOODE,**  
**New-Street-Square.**

# ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,  
*Native and Foreign, Hardy and Half-Hardy,*  
PICTORIALLY AND BOTANICALLY DELINEATED,  
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,  
AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN  
**LANDSCAPE-GARDENING;**

PRECEDED BY A

HISTORICAL AND GEOGRAPHICAL OUTLINE  
OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES  
THROUGHOUT THE WORLD.

By J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE,  
AND CONDUCTOR OF THE GARDENER'S MAGAZINE.



---

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;  
AND FOUR OF OCTAVO AND QUARTO PLATES.

~~~~~  
VOL. V.

THE PLATES FROM MAGNOLIA'CEÆ TO LEGUMINO'SÆ INCLUSIVE.

---

LONDON:

PRINTED FOR THE AUTHOR;

AND SOLD BY

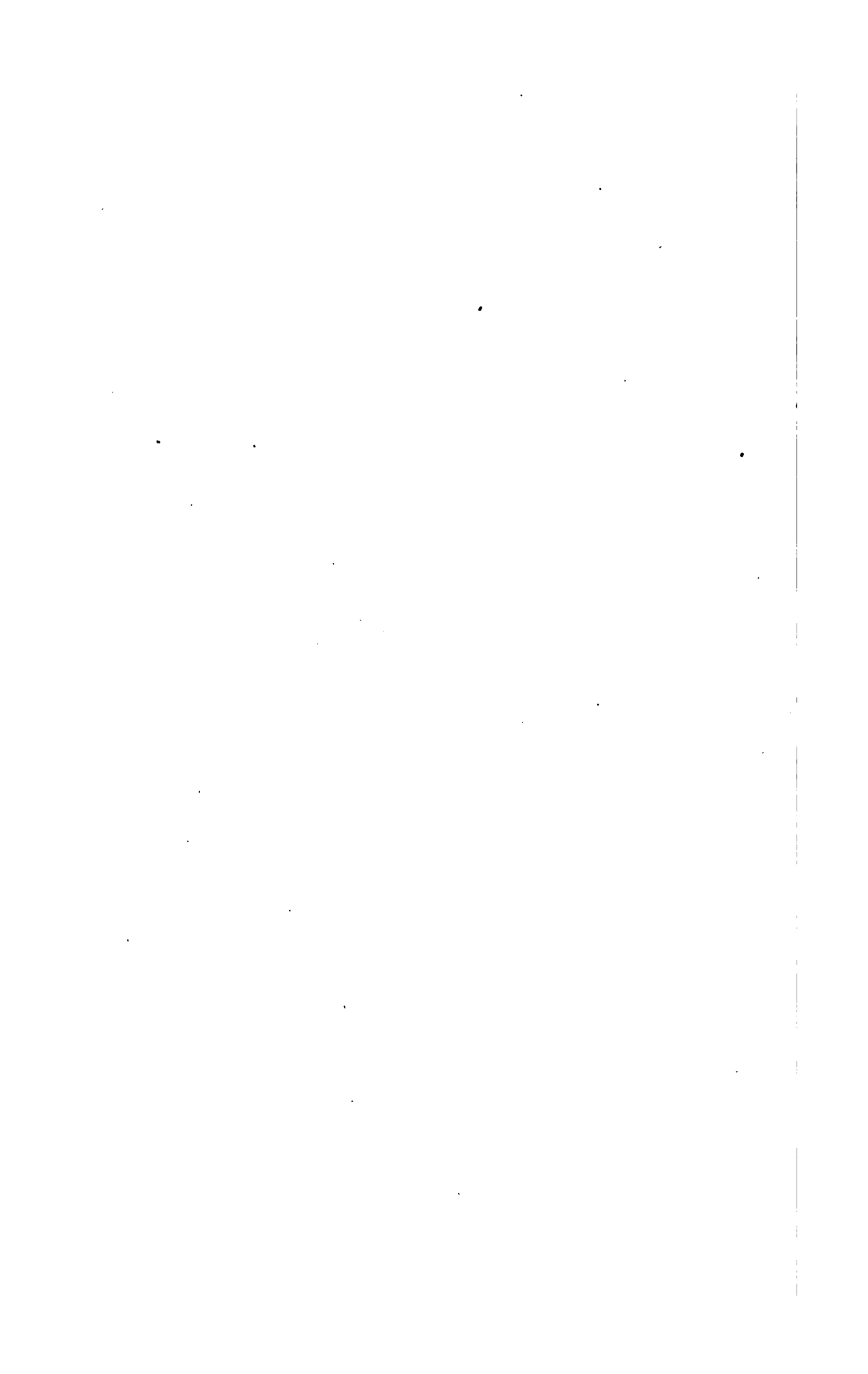
LONGMAN, ORME, BROWN, GREEN, AND LONGMANS;

THE PARTIALLY COLOURED AND COLOURED COPIES, BY  
JAMES RIDGWAY AND SONS.

1838.

792.





# CONTENTS.

## LIST OF THE PORTRAITS OF TREES FORMING VOL. V., SYSTEMATICALLY ARRANGED.

The names, scientific and English, of all the trees included in the plates forming Vols. V. VI. VII. and VIII., will be found systematically arranged in the General Contents in Vol. I., and alphabetically arranged at the end of Vol. VIII.

The number on the left hand merely shows the series; that on the right extremity of the column, in parenthesis, is the number printed on the plate; and the number preceding it refers to that page of the body of the work where the tree is treated of.

|                                                                  |                                                     |
|------------------------------------------------------------------|-----------------------------------------------------|
| <b>MAGNOLIA'CEÆ. (MAGNOLIAS.)</b>                                |                                                     |
| Text in Vol. I.                                                  |                                                     |
| 1. <i>Magnolia grandiflora</i> - p. 261. (1.)                    | 19. <i>T. (e.) laciniata</i> - p. 366. (21. or 22.) |
| Brentford Nursery. <i>Miss Eliza Romalds.</i>                    | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 2. <i>M. g. exoniensis</i> - p. 261. (3.)                        | 20. <i>T. (e.) parvifolia aurea</i> p. 366. (25.)   |
| The Chiswick Villa. <i>Miss M. L.</i>                            | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 3. <i>M. glauca</i> - p. 267. (4.)                               | 21. <i>T. (e.) alba</i> (syn. ar- } p. 372. (18.)   |
| Mile End Nursery. <i>R. Varden.</i>                              | <i>géntea</i> ) -                                   |
| 4. <i>M. gl. Thompsoniana</i> - p. 267. (5.)                     | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| Mile End Nursery. <i>R. Varden.</i>                              | 22. <i>T. americana</i> } p. 373. (24. or 25.)      |
| 5. <i>M. tripétala</i> - p. 269. (6.)                            | (syn. <i>álba</i> ) } <i>Miss M. L.</i>             |
| Mile End Nursery. <i>R. Varden.</i>                              | 23. <i>T. (a.) laxiflora</i> - p. 374. (23.)        |
| 6. <i>M. macrophýlla</i> - p. 271. (7.)                          | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| The Chiswick Villa. <i>Miss M. L.</i>                            | 24. <i>T. (a.) pubescens</i> p. 374. (22. or 27.)   |
| 7. <i>M. acuminata</i> - p. 273. (10.)                           | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| Messrs. Loddiges, Hackney. <i>R. Varden.</i>                     | <b>ACERA'CEÆ. (MAPLES AND SYCAMORES.)</b>           |
| 8. <i>M. acuminata</i> , full-grown tree - (9a.)                 | 25. <i>Acer tatáricum</i> - p. 406. (26.)           |
| Duke of Northumberland, Syon. <i>G. R. Lewis.</i>                | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 9. <i>M. cordata</i> - p. 275. (11.)                             | 26. <i>A. spicatum</i> - p. 406. (30.)              |
| Messrs. Loddiges, Hackney. <i>R. Varden.</i>                     | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 10. <i>M. auriculata</i> - p. 276. (8.)                          | 27. <i>A. striatum</i> - p. 407. (28.)              |
| Messrs. Loddiges, Hackney. <i>R. Varden.</i>                     | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 11. <i>M. (a.) pyramidata</i> - p. 277. (9.)                     | 28. <i>A. macrophýllum</i> - p. 408. (34.)          |
| Messrs. Loddiges, Hackney. <i>R. Varden.</i>                     | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 12. <i>M. conspicua</i> - p. 278. (12.)                          | 29. <i>A. platanoides</i> - p. 408. (35.)           |
| Mile End Nursery. <i>R. Varden.</i>                              | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 13. <i>Liriodendron Tulipí-fera</i> (Tulip Tree) } p. 284. (13.) | 30. <i>A. p. laciniatum</i> - p. 409. (36.)         |
| Hort. Soc. Gard. <i>F. Ranch.</i>                                | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 14. <i>L. Tulipífera</i> , full-grown tree (12a.)                | 31. <i>A. saccharinum</i> (the } p. 411. (37.)      |
| Syon House. <i>G. R. Lewis.</i>                                  | Sugar Maple) -                                      |
| <b>TILIA'CEÆ. (LIME TREES.)</b>                                  | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| 15. <i>Tilia europæa</i> - p. 364. (15.)                         | 32. <i>A. Pseudo-Plátanus</i> } p. 414. (33.)       |
| Hort. Soc. Gard. <i>Miss M. L.</i>                               | (Common Sycamore) -                                 |
| 16. <i>T. e.</i> , full-grown tree - (8a.)                       | Hort. Soc. Gard. <i>Miss M. L.</i>                  |
| Studley Park. <i>H. W. Jukes.</i>                                | 33. <i>A. Pseudo-Plátanus</i> , full- } (33a.)      |
| 17. <i>T. (e.) platyphýlla</i> - p. 365. (19.)                   | grown tree -                                        |
| Hort. Soc. Gard. <i>Miss M. L.</i>                               | Studley Park. <i>H. W. Jukes.</i>                   |
| 18. <i>T. (e.) p. minor</i> - p. 365. (20.)                      | 34. <i>A. obtusatum</i> (syn. hí- } p. 420. (38.)   |
| Hort. Soc. Gard. <i>Miss M. L.</i>                               | bridum) -                                           |
|                                                                  | Hort. Soc. Gard. <i>Miss M. L.</i>                  |

35. *A. opulifolium* - p. 420. (31.)  
Hort. Soc. Gard. *Miss M. L.*
36. *A. O'palus* - p. 420. (31a.)  
Hort. Soc. Gard. *Miss M. L.*
37. *A. eriocarpum* - p. 423. (40.)  
Hort. Soc. Gard. *Miss M. L.*
38. *A. e.*, full-grown tree - (39a.)  
Bot. Gard., Kew. *L. Martin.*
39. *A. rubrum* - p. 424. (39.)  
Hort. Soc. Gard. *Miss M. L.*
40. *A. r.*, full-grown tree - (38a.)  
Bot. Gard., Kew. *L. Martin.*
41. *A. monspessulanum* - p. 427. (27.)  
Hort. Soc. Gard. *Miss M. L.*
42. *A. m.*, full-grown tree - (27a.)  
Ham House, Essex. *H. W. Jukes.*
43. *A. campêtre* (the common Maple) } p. 428. (32.)  
Hort. Soc. Gard. *Miss M. L.*
44. *A. c.*, full-grown tree, 4to - (32a.)  
Studley Park. *H. W. Jukes.*
45. *A. créticum*, full-grown tree } p. 430. (40a.)  
Syon House, Middlesex. *G. R. Lewis.*
46. *Negundo fraxinifolium* (Box Elder) } p. 460. (41.)  
Hort. Soc. Gard. *Miss M. L.*
47. *N. f. crispum* - p. 460. (42.)  
Hort. Soc. Gard. *Miss M. L.*
- ÆSCULA'CEÆ. (HORSECHESTNUTS.)**
48. *Æ'sculus Hippocastanum* (the common Horsechestnut) } p. 463. (43.)  
Hort. Soc. Gard. *Miss M. L.*
49. *Æ. H.*, full-grown tree - (44.)  
Forty Hill, Enfield. *W. J. Neesfield.*
50. *Æ. (H.) rubicunda* (syn. *cárnea*) } p. 467. (46.)  
Hort. Soc. Gard. *Miss M. L.*
51. *Pavia rubra* (Smooth Horsechestnut) } p. 469. (48.)  
Hort. Soc. Gard. *Miss M. L.*
52. *P. r.*, full-grown tree - (48.)  
Syon House. *G. R. Lewis.*
53. *P. r. humilis pendula* - p. 470. (52.)  
Hort. Soc. Gard. *Miss M. L.*
54. *P. flava* - p. 471. (50.)  
Hort. Soc. Gard. *Miss M. L.*
55. *P. f.*, full-grown tree - (51.)  
Syon House. *G. R. Lewis.*
56. *P. macrocarpa* - p. 473. (52.)  
Hort. Soc. Gard. *Miss M. L.*
- SAPINDA'CEÆ.**
57. *Kölreuteria paniculata* - p. 475. (53.)  
Hort. Soc. Gard. *Miss M. L.*
- XANTHOXYLA'CEÆ.**
58. *Xanthoxylum fraxineum* (the Toothache Tree) } p. 488. (54.)  
Hort. Soc. Gard. *H. Le Jeune.*
59. *Ptelea trifoliata* - p. 489. (55.)  
Hort. Soc. Gard. *Miss M. L.*
60. *Ailantus glandulosa* - p. 490. (56.)  
Hort. Soc. Gard. *Miss M. L.*
61. *A. g.*, full-grown tree - (55a.)  
Syon House. *G. R. Lewis.*
- CELASTRA'CEÆ. (SPINDLE TREES.)**  
Text in Vol. II.
62. *Euonymus europæus* - p. 496. (57.)  
Hort. Soc. Gard. *Miss M. L.*
63. *E. latifolius* - p. 498. (58.)  
Hort. Soc. Gard. *Miss M. L.*
- AQUIFOLIA'CEÆ. (HOLLIES.)**
64. *Ilex Aquifolium* - p. 505. (59.)  
Bayswater. *H. Le Jeune.*
65. *I. A.*, full-grown tree - (59a.)  
Studley Park. *H. W. Jukes.*
66. *I. opaca* - p. 516. (60.)  
Messrs. Loddiges. *Miss M. L.*
67. *I. opaca*, full-grown tree - (59b.)  
Syon House. *G. R. Lewis.*
- RHAMNA'CEÆ. (BUCKTHORNS.)**
68. *Paliurus aculeatus* (Christ's Thorn) } p. 527. (61.)  
Hort. Soc. Gard. *Miss M. L.*
69. *P. a.*, full-grown tree - (60b.)  
Syon House. *G. R. Lewis.*
70. *Rhamnus catharticus* (Purging Buckthorn) } p. 531. (62.)  
Hort. Soc. Gard. *Miss M. L.*
71. *R. alpinus* - p. 536. (62c.)  
Hort. Soc. Gard. *Miss M. L.*
72. *R. Frangula* (Berry-bearing Alder) } p. 537. (62a.)  
Hort. Soc. Gard. *Miss M. L.*
73. *R. latifolius* - p. 538. (62b.)  
Hort. Soc. Gard. *Miss M. L.*
- HOMALINA'CEÆ.**
74. *Aristotelia Mâcqui* - p. 543. (63.)  
Fulham Nursery. *H. W. Jukes.*
- LEGUMINO'SÆ.**
75. *Sophora japonica* - p. 563. (64.)  
Hort. Soc. Gard. *Miss M. L.*
76. *S. j.*, full-grown tree, 4to - (63a.)  
Syon House. *G. R. Lewis.*
77. *S. j. pendula* - p. 564. (65.)  
Hort. Soc. Gard. *Miss M. L.*
78. *Virgilia lutea* - p. 565. (66.)  
Hort. Soc. Gard. *Miss M. L.*
79. *Cytisus Laburnum* (the common Laburnum, or Pea Tree) } p. 590. (67.)  
Hort. Soc. Gard. *Miss M. L.*
80. *C. L. quercifolium* (syn. incisum) } p. 590. (68.)  
Hort. Soc. Gard. *Miss M. L.*
81. *C. alpinus* (Scotch Laburnum) } p. 591. (70.)  
Hort. Soc. Gard. *Miss M. L.*

82. *C. a. pëndulus* - p. 591. (70a.)  
Messrs. Loddiges. *H. Le Jeune.*
83. *Robinia Pseud-Acacia* }  
(Common Acacia, - p. 609. (71.)  
or Locust) - }  
Hort. Soc. Gard. *Miss M. L.*
84. *R. P.-A.*, full grown tree - 71.\*  
Kenwood. *W. J. Neesfeld.*
85. *R. P.-A. umbraculifera* p. 610. (71a.)  
Bayswater. *H. Le Jeune.*
86. *R. P.-A. tortuosa* - p. 610. (72.)  
Hort. Soc. Gard. *H. Le Jeune.*
87. *R. viscosa* - p. 626. (73.)  
Hort. Soc. Gard. *Miss M. L.*
88. *R. hispida macrophylla* }  
(Large-leaved Rose) p. 628. (73a.)  
*Acacia* - }  
Hort. Soc. Gard. *H. Le Jeune.*
89. *Caragana arborescens* }  
(the Siberian Pea Tree) p. 629. (75.)  
Hort. Soc. Gard. *Miss M. L.*
90. *Gleditschia triacanthos* }  
(the Three-thorned Acacia) p. 650. (76.)  
Hort. Soc. Gard. *Miss M. L.*
91. *G. t.*, full-grown tree - p. 650. (75a.)  
Syon House. *G. R. Lewis.*
92. *G. inermis* - p. 650. (77b.)  
Hort. Soc. Gard. *Miss M. L.*
93. *G. i.*, full-grown tree - (76a.)  
Syon House. *G. R. Lewis.*
94. *G. sinensis* (syn. *hórrida*) p. 654. (78.)  
Hort. Soc. Gard. *H. Le Jeune.*
95. *G. (s.) japonica* - p. 654. (80.)  
Messrs. Loddiges. *H. Le Jeune.*
96. *G. (s.) nana* - p. 654. (80.)  
Messrs. Loddiges. *H. Le Jeune.*
97. *G. (s.) purpurea* - p. 654. (78b.)  
Messrs. Loddiges. *H. Le Jeune.*
98. *G. (s.) macracantha* - p. 654. (78.)  
Messrs. Loddiges. *H. Le Jeune.*
99. *Gymnocladus canadensis* (Kentucky Coffee Tree) p. 656. (82a.)  
Hort. Soc. Gard. *Miss M. L.*
100. *G. c.*, full-grown tree - (82.)  
Syon House. *G. R. Lewis.*
101. *Cercis Siliquastrum* }  
(the Judas Tree) p. 657. (83.)  
Hort. Soc. Gard. *Miss M. L.*
102. *C. S.*, full-grown tree - (82b.)  
Syon House. *G. R. Lewis.*
103. *C. canadensis* - p. 659. (83.)  
Hort. Soc. Gard. *Miss M. L.*
104. *Acacia dealbata* - p. 666. (74.)  
Hort. Soc. Gard. *Miss M. L.*

## LIST OF PLATES IN VOL. V., ALPHABETICALLY ARRANGED.

The Roman numerals refer to the volumes of the text where the species is treated of.

- Acacia dealbata* - - II. p. 666. (74.)
- Acacia*, False. See *Robinia*.
- Acer campêtre* (the common Maple) } I. p. 428. (32.)
- A. c.*, full-grown tree, 4to - (32a.)
- A. créticum*, full-grown tree I. p. 430. (40a.)
- A. eriocarpum* - - I. p. 423. (40.)
- A. e.*, full-grown tree - - (39a.)
- A. macrophyllum* - - I. p. 408. (34.)
- A. monspessulanum* - - I. p. 427. (27.)
- A. m.*, full-grown tree - - (27a.)
- A. (hybridum) obtusatum* - I. p. 420. (38.)
- A. O'palus* - - I. p. 420. (31a.)
- A. opulifolium* - - I. p. 420. (31.)
- A. platanoides* - - I. p. 408. (35.)
- A. p. laciniatum* - - I. p. 409. (36.)
- A. Pseudo-Platanus* (the common Sycamore) } I. p. 414. (33.)
- A. Pseudo-Platanus*, full-grown tree (33a.)
- A. rubrum* - - I. p. 424. (39.)
- A. r.*, full-grown tree - - I. (38a.)
- A. saccharinum* (the Sugar Maple) } I. p. 411. (37.)
- A. spicatum* - - - I. p. 406. (30.)
- A. striatum* - - - I. p. 407. (28.)
- A. tataricum* - - - I. p. 406. (26.)
- Æsculus Hippocastanum* } I. p. 463. (43.)  
(the Horsechestnut)
- Æ. H.*, full-grown tree - - (44.)
- Æ. H. (cárnea) rubicunda* I. p. 467. (46.)
- Ailántus glandulosa* - - I. p. 490. (56.)
- A. g.*, full-grown tree - - (55a.)
- Aristotèlia Mácqui* - - II. p. 543. (63.)
- Berry-bearing Alder. See *Rhámnus*
- Frángula*.
- Box Elder. See *Negúndo*.
- Buckthorn. See *Rhámnus*.
- Caragana arborescens* (the Siberian Pea Tree) } II. p. 629. (75.)
- Cercis canadensis* - - II. p. 659. (83.)
- C. Siliquastrum* (the Judas Tree) } II. p. 657. (83.)
- C. S.*, full-grown tree - - (82b.)
- Cýtissus alpinus* - - II. p. 591. (70.)
- C. a. pëndulus* - - II. p. 591. (70a.)
- Christ's Thorn. See *Paliurus*.

- C. Labúrnum* (the Laburnum, or Pea Tree) } II. p. 590. (67.)  
*C. L. (incisum) quercifolium* - } II. p. 590. (68.)  
*Euónymus europæus* (the Spindle Tree) } II. p. 496. (57.)  
*E. latifolius* - } II. p. 498. (58.)  
*Gleditschia inermis* - II. p. 650. (77b.)  
*G. i.*, full-grown tree - - - (76a.)  
*G. (sinensis) hórrida* - II. p. 654. (78.)  
*G. (s.) japónica* - II. p. 654. (80.)  
*G. (s.) macracántha* - II. p. 654. (78.)  
*G. (s.) nana* - II. p. 654. (80.)  
*G. (s.) purpúrea* - II. p. 654. (78b.)  
*G. triacanthos* (the Three-thorned Acacia) - } II. p. 650. (76.)  
*G. t.*, full-grown tree - II. p. 650. (75a.)  
*Gymnócladus canadensis* (the Kentucky Coffee Tree) } II. p. 656. (62a.)  
*G. c.*, full-grown tree - - - (82.)  
 Holly. See *Flex*.  
 Horsechestnut. See *Æ'sculus*.  
*Flex Aquifolium* (the Holly) - } II. p. 505. (59.)  
*I. A.*, full-grown tree - - - (59a.)  
*I. opaca* - - - II. p. 516. (60.)  
*I. o.*, full-grown tree - - - (59b.)  
 Judas Tree. See *Cérceis*.  
 Kentucky Coffee Tree. See *Gymnócladus*.  
*Kölreutéria paniculata* I. p. 475. (53.)  
*Labúrnum*. See *Cýtissus Labúrnum*.  
 Lime Tree. See *Tília*.  
 Locust. See *Robinia*.  
*Liriodéndron Tulipífera* (the Tulip Tree) - } I. p. 284. (13.)  
*L. T.*, full-grown tree - - - (12a.)  
*Magnolia acuminata* - I. p. 273. (10.)  
*M. a.*, full-grown tree - - - (9a.)  
*M. auriculata* - I. p. 276. (8.)  
*M. glauca* - - - I. p. 267. (4.)  
*M. g. Thompsoniana* - I. p. 267. (5.)  
*M. conspicua* - - - I. p. 278. (12.)  
*M. cordata* - - - I. p. 275. (11.)  
*M. grandiflora* - - - I. p. 261. (1.)  
*M. g. exoniensis* - - - I. p. 261. (3.)  
*M. macrophylla* - - - I. p. 271. (7.)  
*M. (a.) pyramidata* - - - I. p. 277. (9.)  
*M. tripétala* - - - I. p. 269. (6.)  
 Maple. See *A'cer*.  
*Negúndo fraxinifolium* (the Box Elder) - } I. p. 460. (41.)  
*N. f. crispum* - - - I. p. 460. (42.)
- Paliurus aculeatus* (Christ's Thorn) } II. p. 527. (61.)  
*P. a.*, full-grown tree - - - (60b.)  
*Pavia flava* - - - I. p. 471. (50.)  
*P. f.*, full-grown tree - - - (51.)  
*P. macrocarpa* - - - I. p. 473. (52.)  
*P. rubra* - - - I. p. 469. (48.)  
*P. r.*, full-grown tree - - - (48.)  
*P. r. humilis pendula* - I. p. 470. (52.)  
 Pea Tree. See *Cýtissus*.  
 Purging Buckthorn. See *Rhámnus catharticus*.  
*Rhámnus alpinus* - II. p. 536. (62c.)  
*R. catharticus* (the Purging Buckthorn) - } II. p. 531. (62.)  
*R. Frángula* (the Berry-bearing Alder) - } II. p. 537. (62a.)  
*R. latifolius* - - - II. p. 538. (62b.)  
*Robinia hispida macrophylla* (the large-leaved Rose Acacia) } II. p. 628. (79a.)  
*R. Pseud-Acacia* (Common Acacia, or Locust) } II. p. 609. (71.)  
*R. P. A.*, full-grown tree, 4to - II. 71.\*  
*R. P. A. tortuosa* - II. p. 610. (72.)  
*R. P. A. umbraculífera* II. p. 610. (71a.)  
*R. viscosa* - - - II. p. 626. (73.)  
 Rose Acacia. See *Robinia hispida*.  
 Scotch Laburnum. See *Cýtissus alpinus*.  
 Siberian Pea Tree. See *Caragana*.  
*Sophora japónica* - II. p. 563. (64.)  
*S. j.*, full-grown tree, 4to - - - (63a.)  
*S. j. pendula* - - - II. p. 564. (65.)  
 Spindle Tree. See *Euónymus*.  
 Sugar Maple. See *A'cer saccharinum*.  
 Sycamore. See *A'cer Pseud-Plátanus*.  
*Tília (e.) álba (argentea)* I. p. 372. (18.)  
*T. americana* - I. p. 373. (24. or 25.)  
*T. (e.) aurea* - - - I. p. 366. (25.)  
*T. europæa* (the common Lime Tree) } I. p. 364. (15.)  
*T. e.*, full-grown tree - - - I. (8a.)  
*T. (e.) laciniata* - I. p. 366. (21. or 22.)  
*T. (a.) laxiflora* - - - I. p. 374. (23.)  
*T. (e.) platyphýlla* - - - I. p. 365. (19.)  
*T. (e.) p. minor* - - - I. p. 365. (20.)  
*T. (a.) pubescens* - I. p. 374. (22. or 27.)  
 Three-thorned Acacia. See *Gleditschia*.  
 Toothache Tree. See *Xanthoxylum*.  
 Tulip Tree. See *Liriodéndron*.  
*Virgília lutea* - - - II. p. 565 (66.)  
*Xanthoxylum fraxineum* (the Toothache Tree) } I. p. 488. (54.)

*Magnolia grandiflora*.  
The large-flowered evergreen Magnolia.

1





*Magnolia grandiflora ferruginea.*  
The large-flowered evergreen rusty-leaved Magnolia.



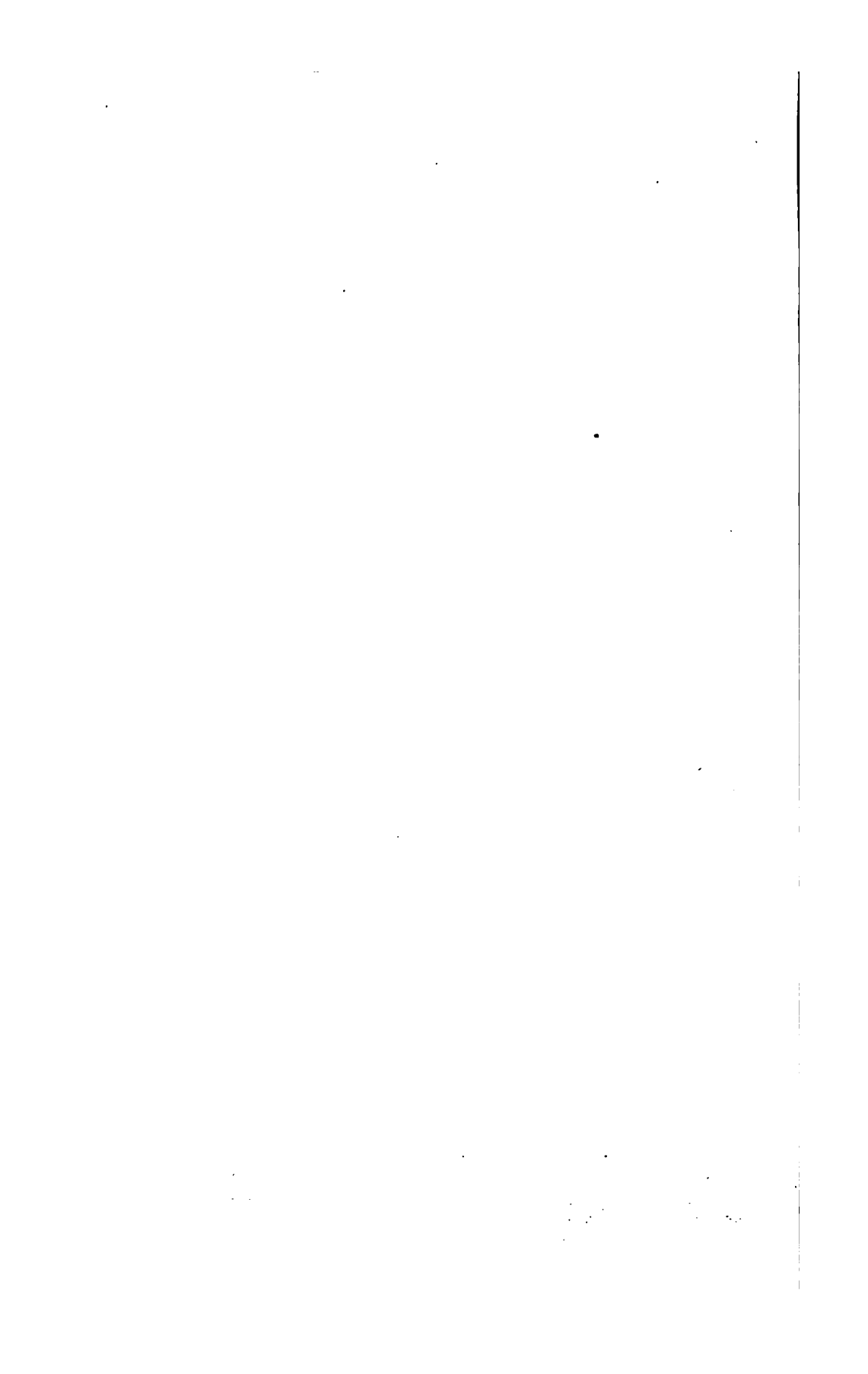




*Magnolia grandiflora exoniensis.*  
The large-flowered evergreen Exeter Magnolia.

3

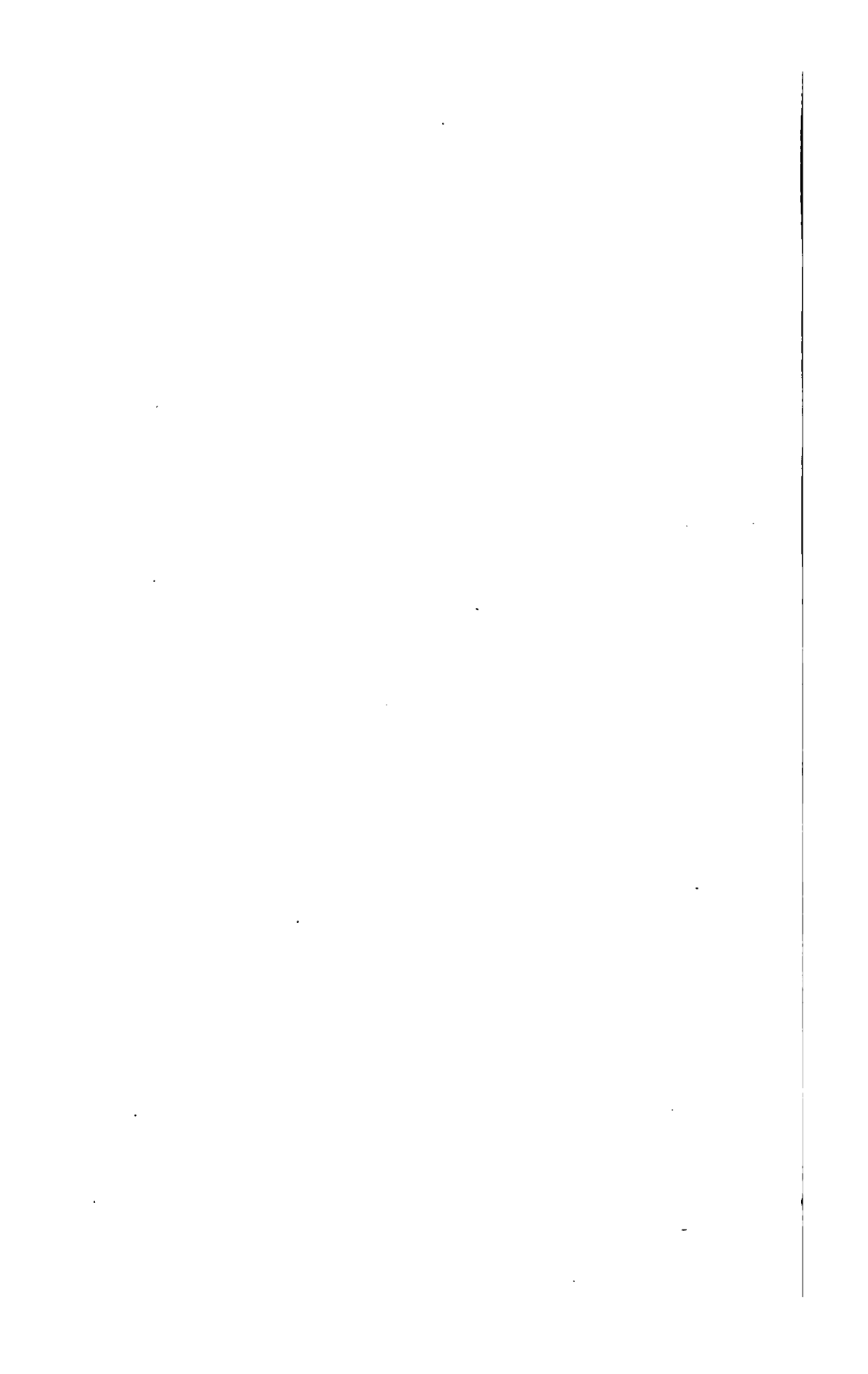




*Magnolia glauca.*  
The glaucous-leaved *deciduous* Magnolia.

4





*Magnolia glauca* Thompsoniana.  
Thompson's glaucous-leaved deciduous Magnolia.





*Magnolia tripetala.*

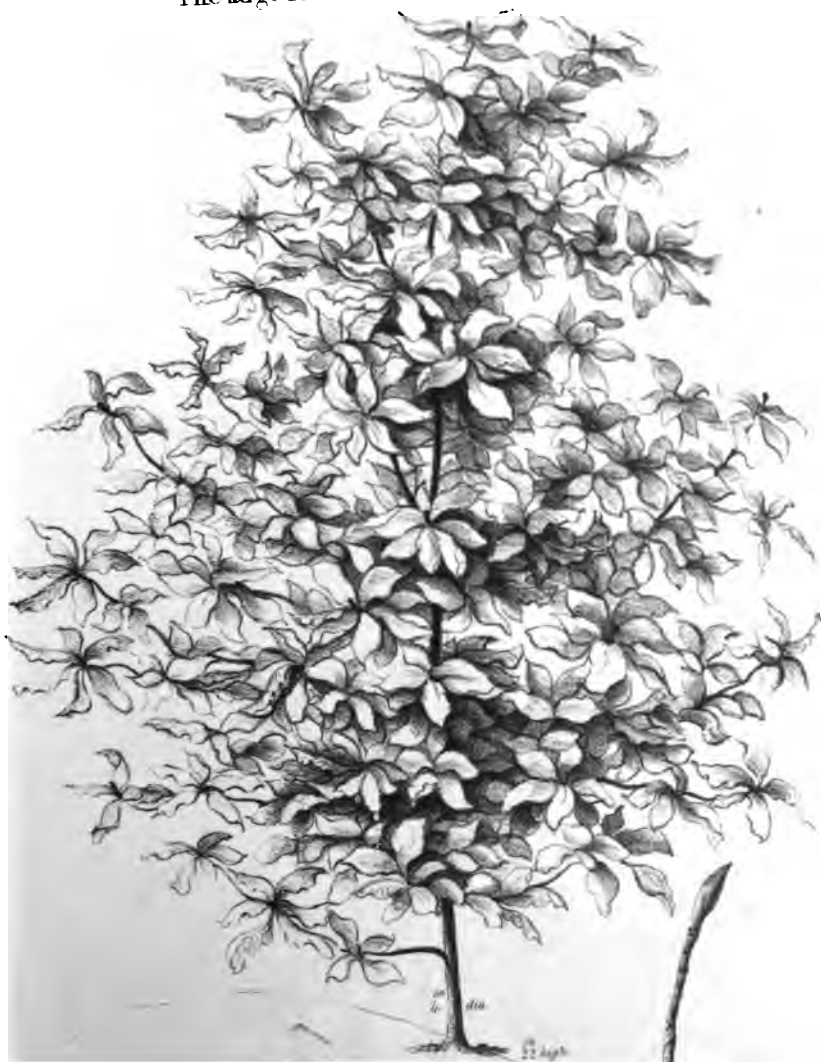
The three-petaled-flowered deciduous Magnolia.







1.G.  
*Magnolia macrophylla*.  
The large-leaved *deciduous* Magnolia.



Præced. A. from 2.1.1. by Day & H. H. R.



*Magnolia acuminata.*  
The pointed-leaved deciduous Magnolia.





*Magnolia acuminata.*  
The pointed-*leaved* Magnolia.



Full-grown tree at Syon; 49 ft. high; diam. of the trunk, 8 ft.; and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]





*Magnolia cordata.*  
The heart-shaped-leaved deciduous Magnolia.

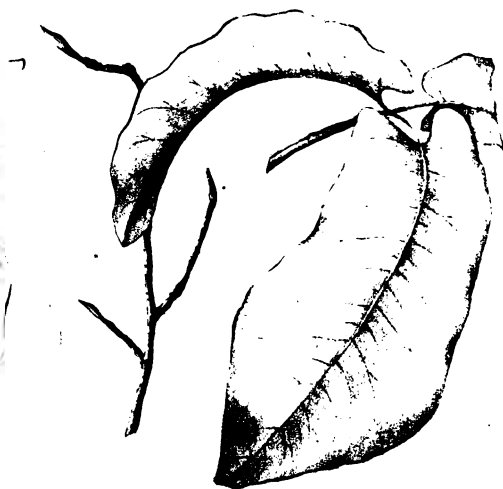
11



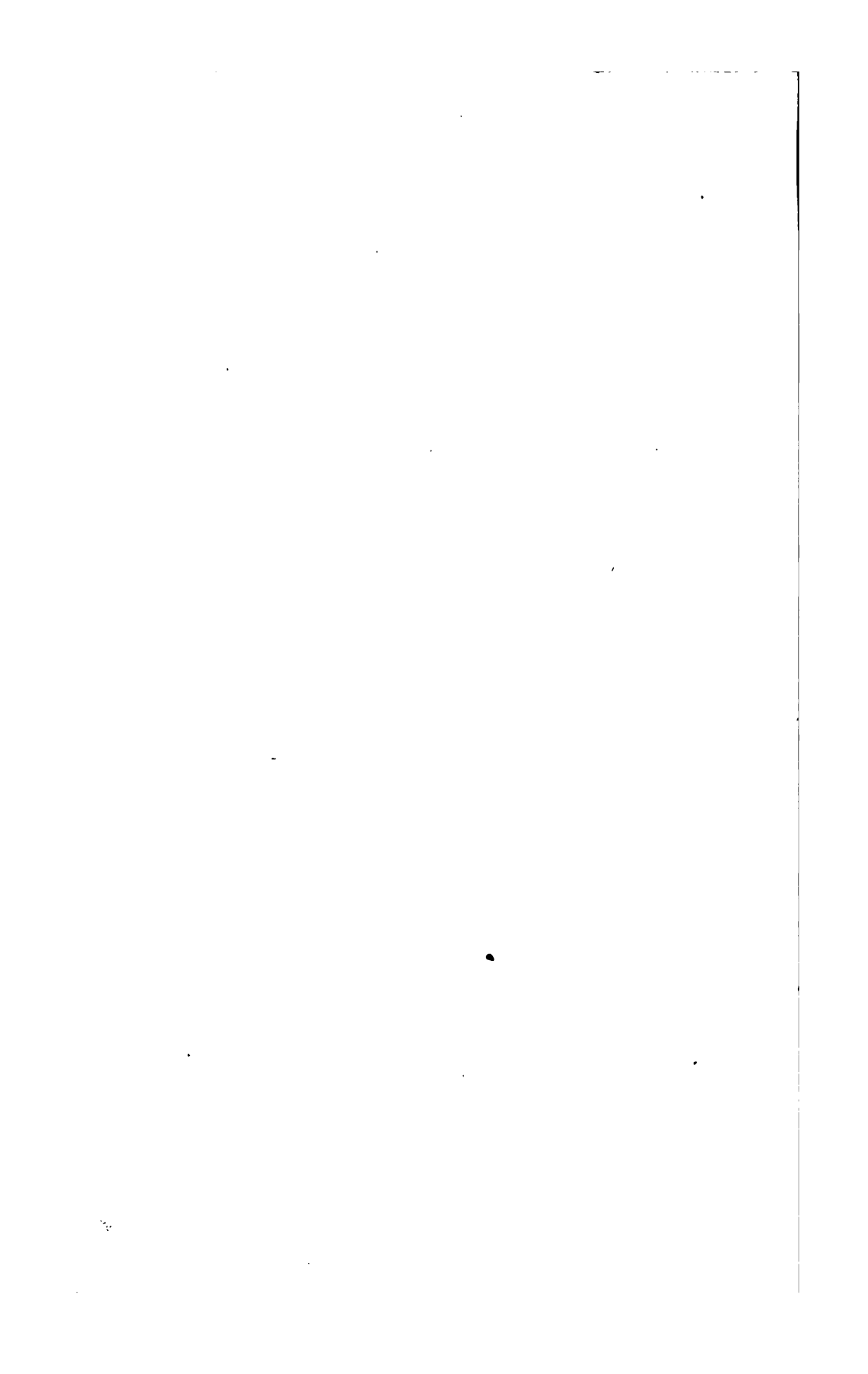




I.H.  
*Magnolia auriculata*.  
The ear-leaved *deciduous* Magnolia.



Printed from Zinc by Day & Haghe



I.I.  
*Magnolia pyramidalis*.  
The pyramidal *dendrous* Magnolia.

9



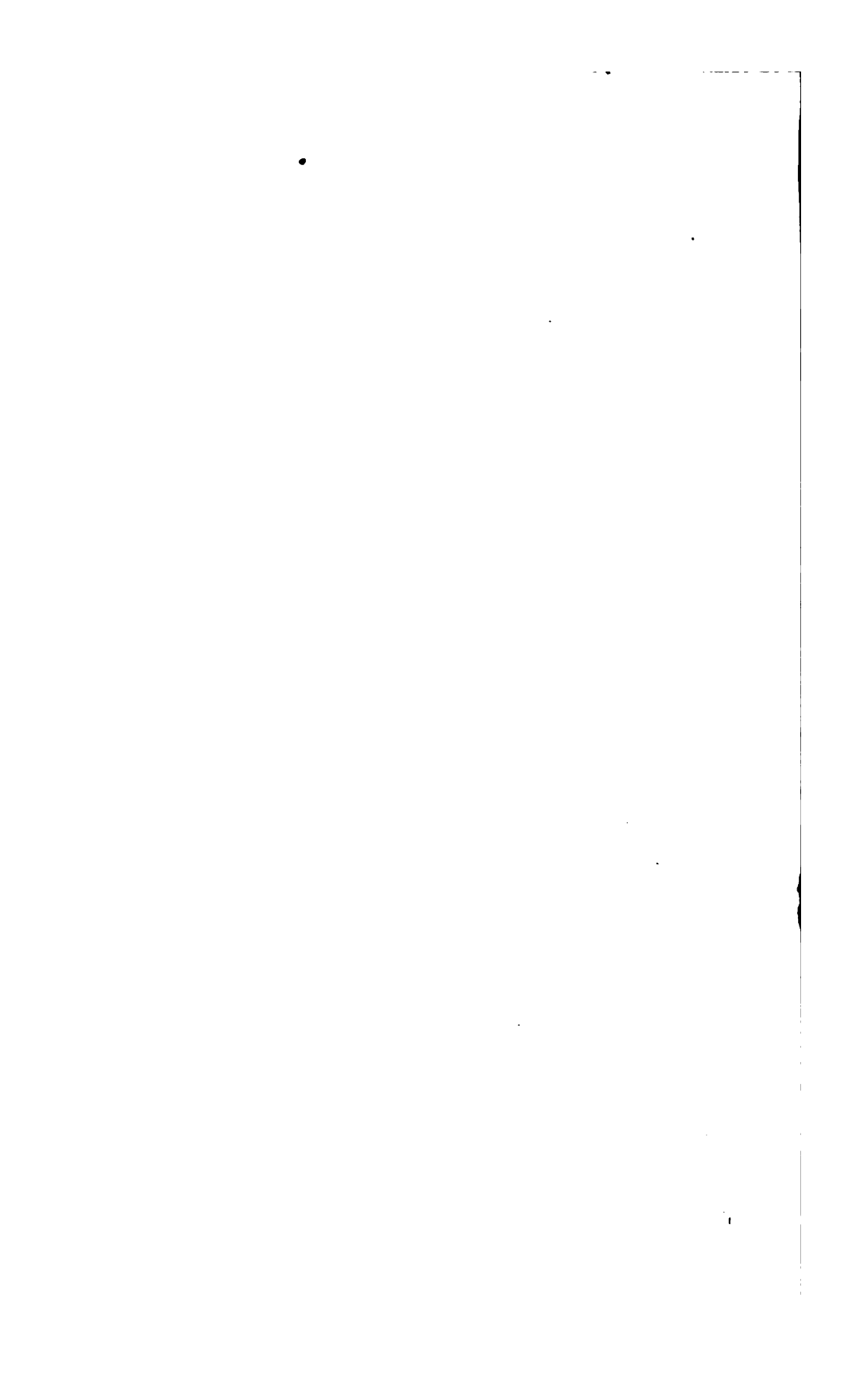


*Magnolia conspicua.*

The conspicuous-flowered deciduous Magnolia.



Illustrated by George Engelmann



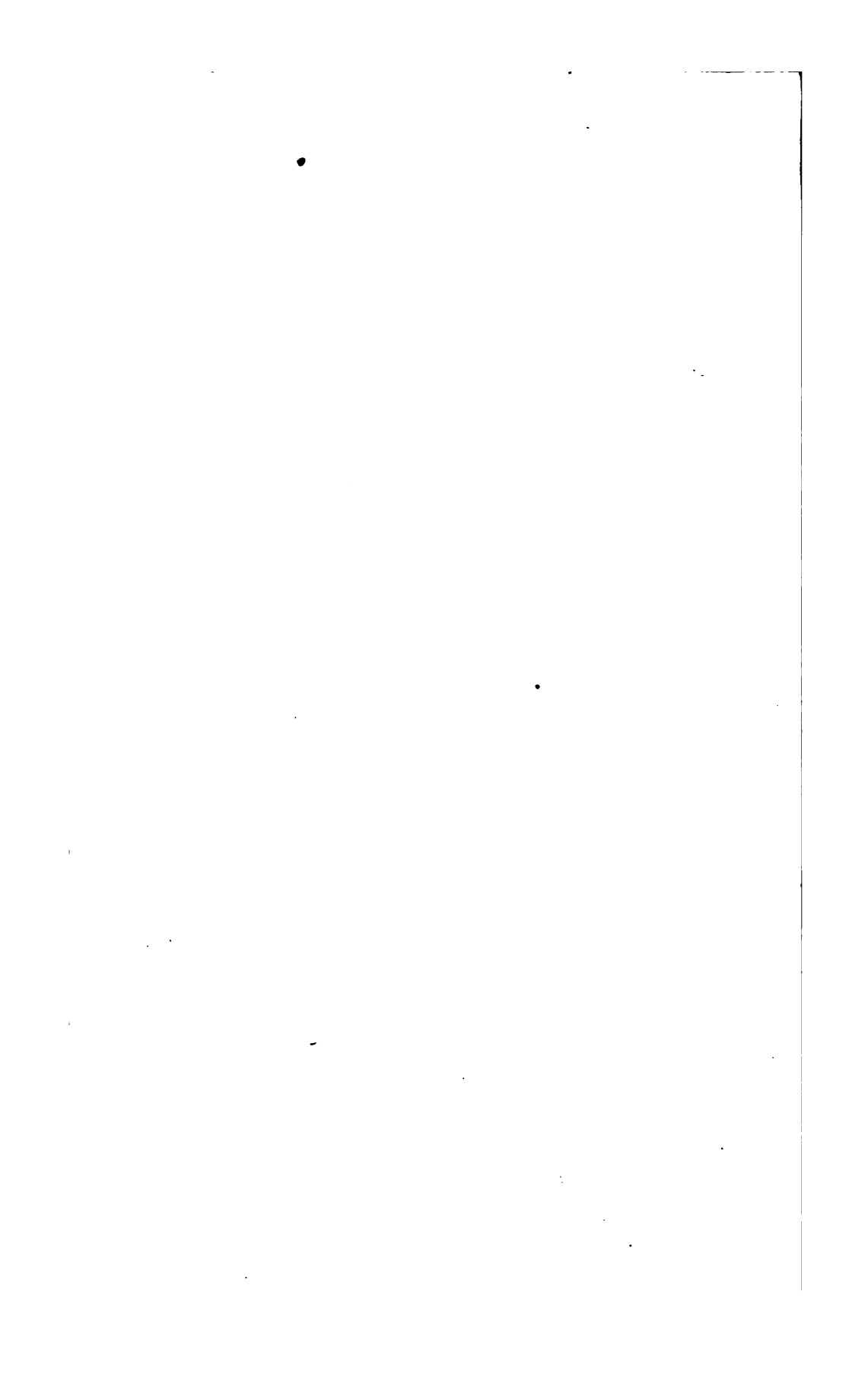
II. A.  
*Liriodendron Tulipifera*.  
The Tulip Tree.

13



Printed from Engr. by Day & Haghe





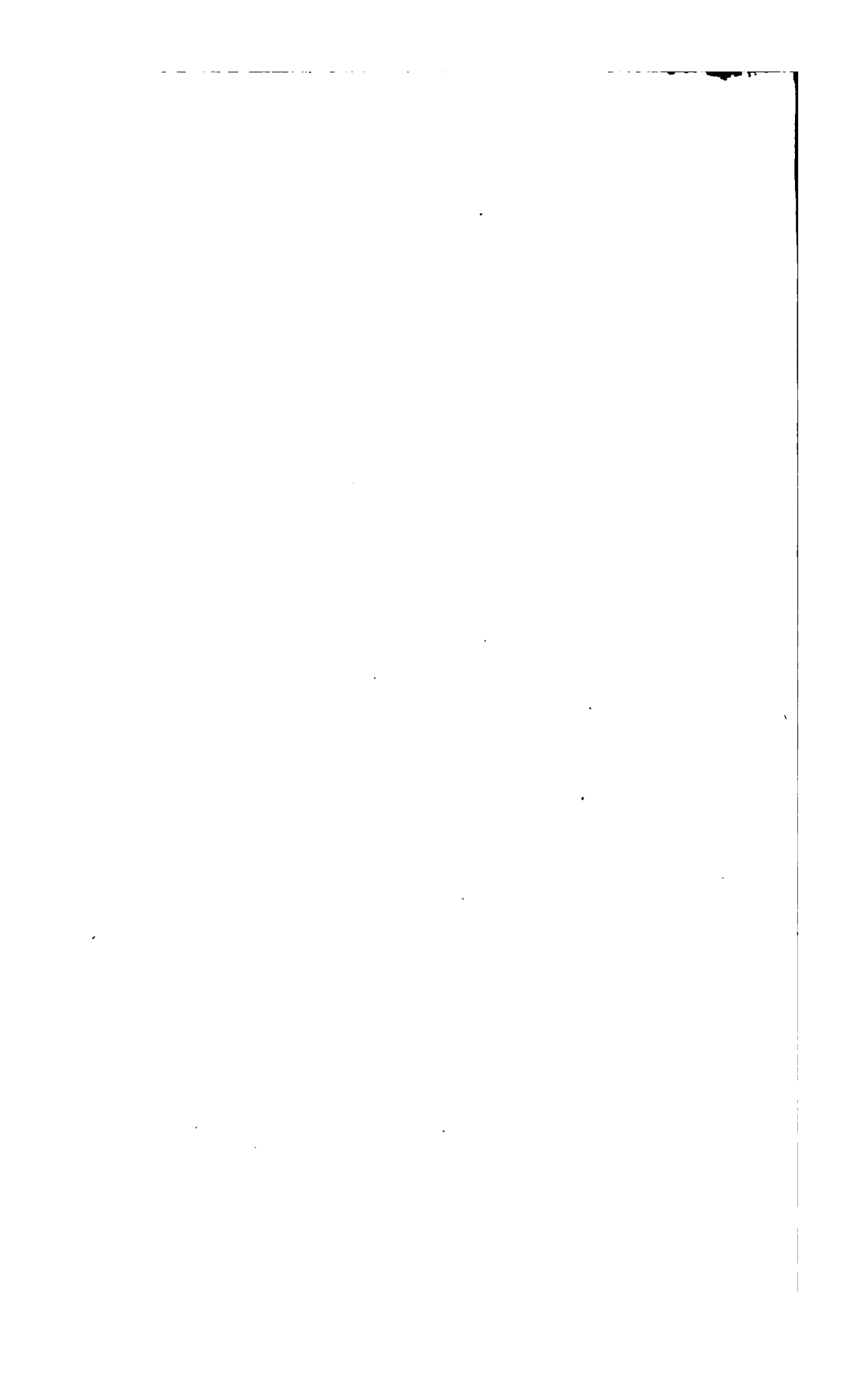
*Liriodendron Tulipifera.*

The tulip-bearing *Liriodendron*, or the Tulip tree.

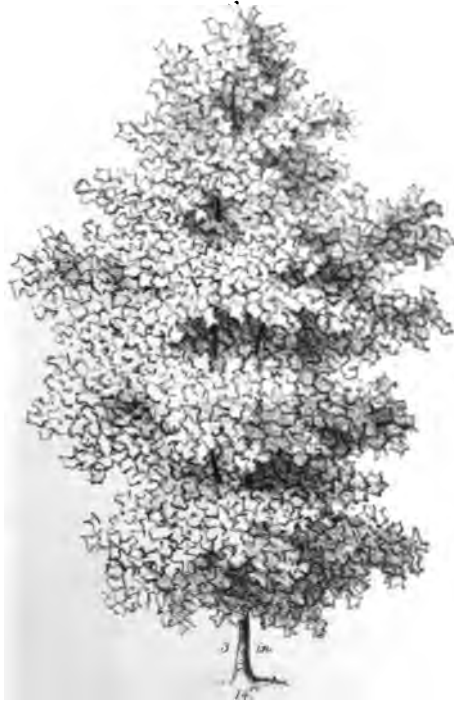


Full-grown trees at Syon, 76 ft. high.  
[Scale 1 in. to 12 ft.]





*Liriodendron Tulipifera obtusiloba.*  
The obtuse-lobed-leaved Tulip tree .





III.A.  
*Tilia europæa.*  
The European, or common, Lime Tree.

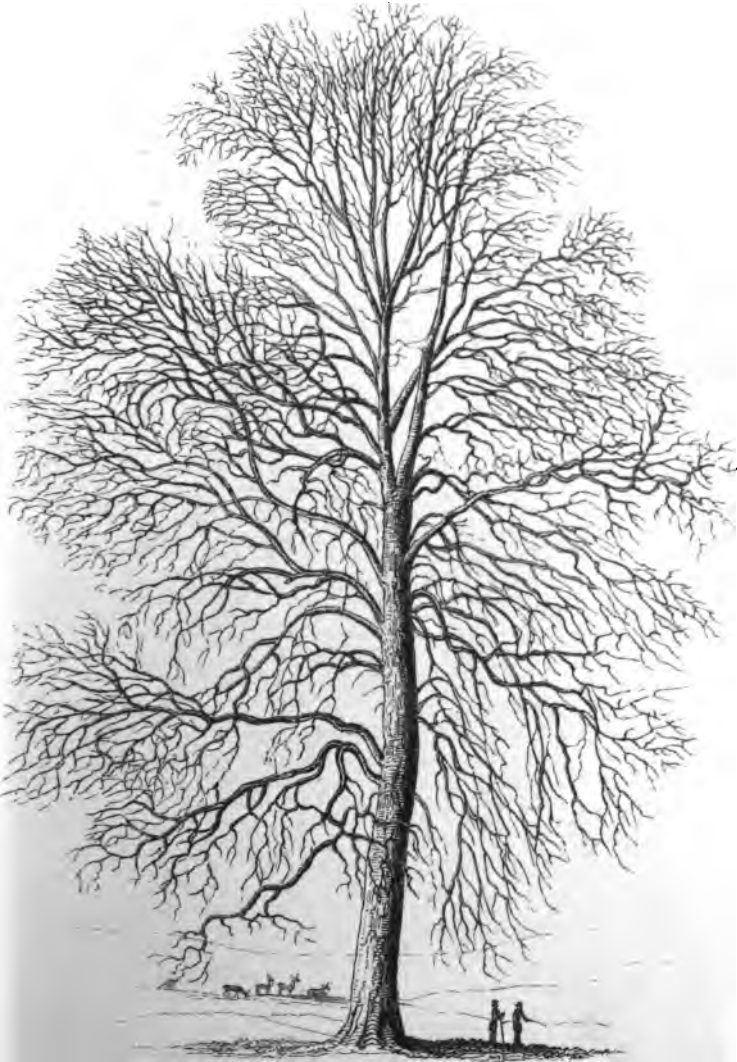
15





*Tilia europæa.*

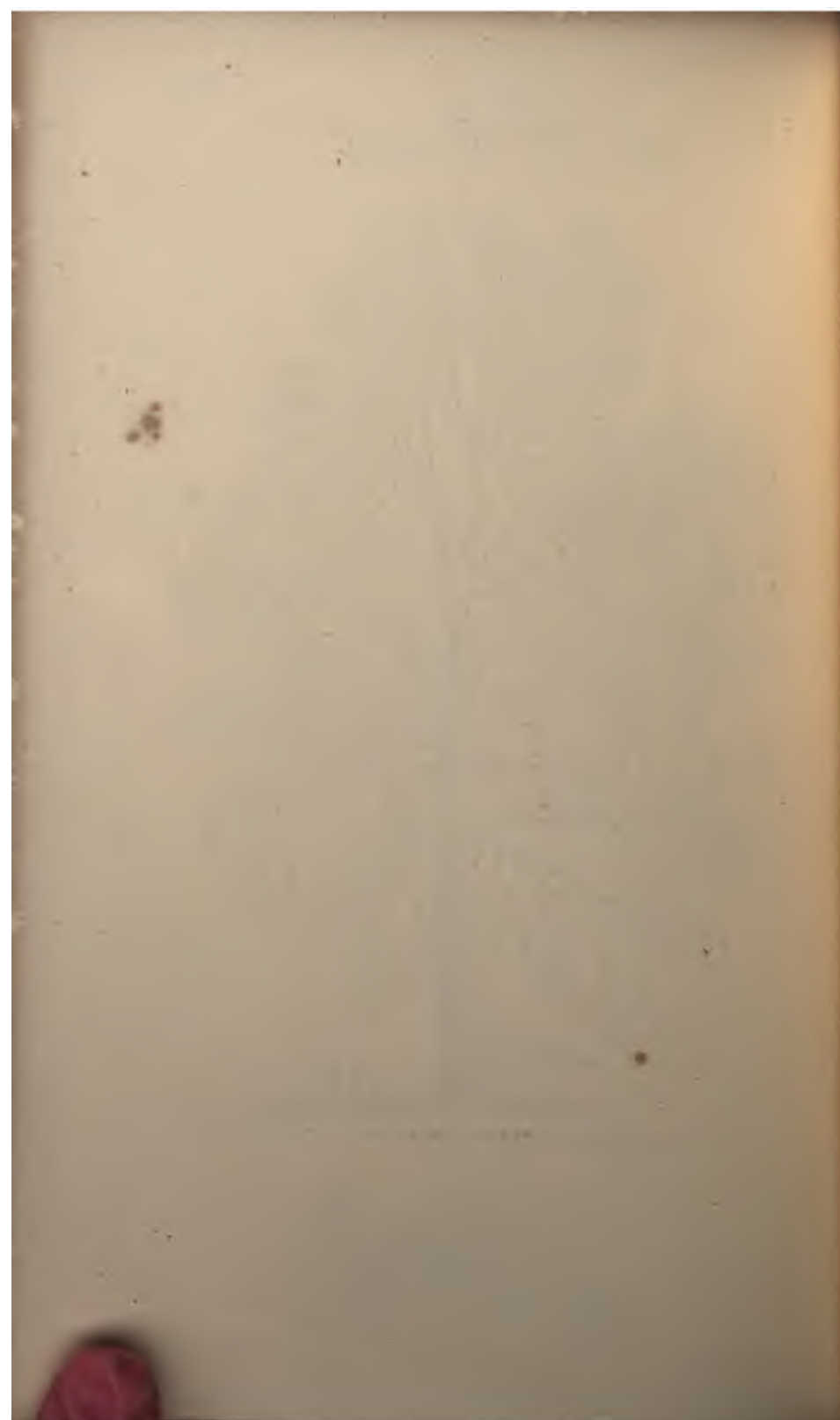
The European, or common, Lime tree.



Full-grown tree at Studley Park, 136 ft. high; diam. of the trunk, 6 ft.; and of the head, 75 ft.  
[Scale 1 in. to 24 ft.]



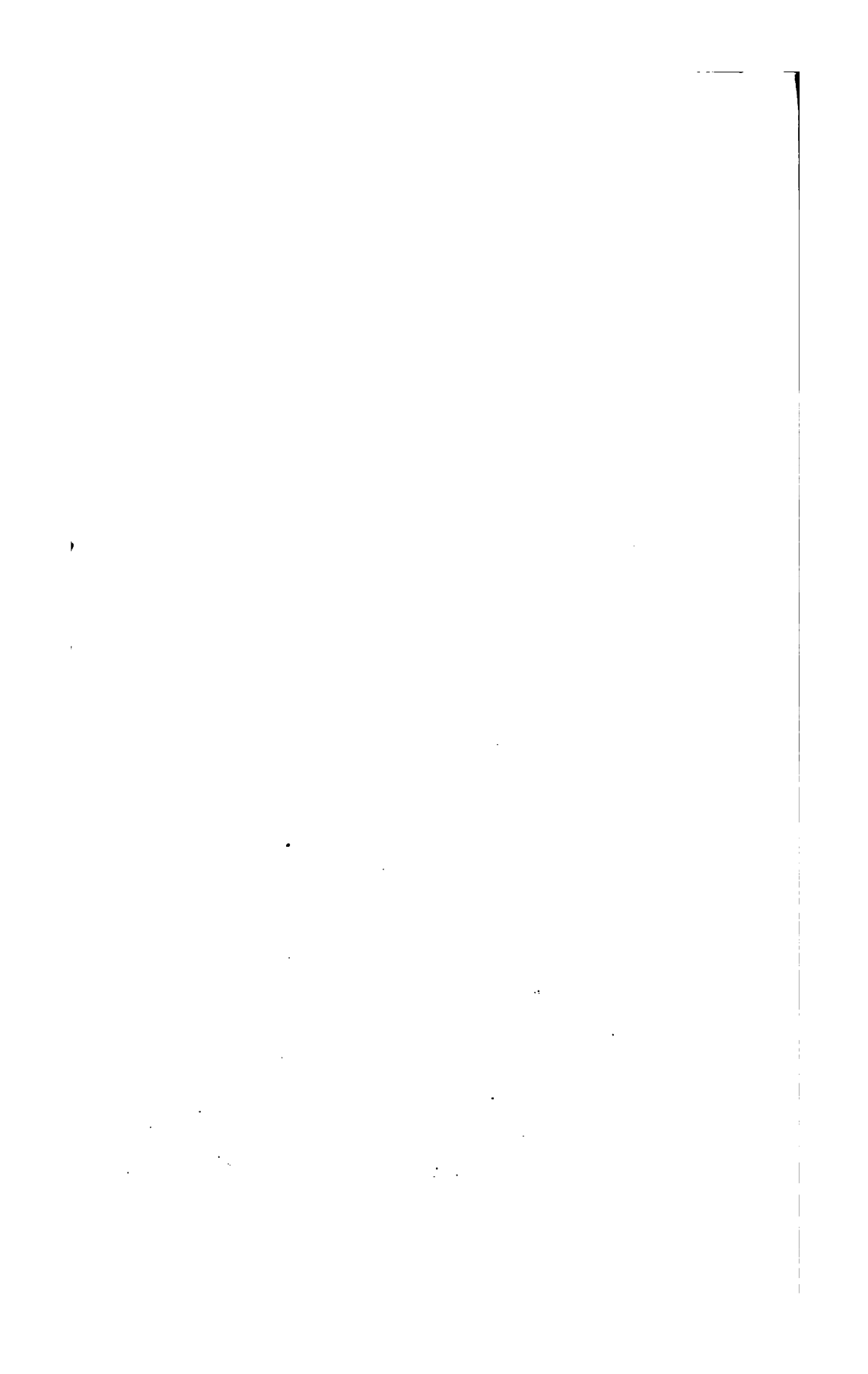




*Tilia europæa glauca.*  
The glaucous-leaved common Lime tree.

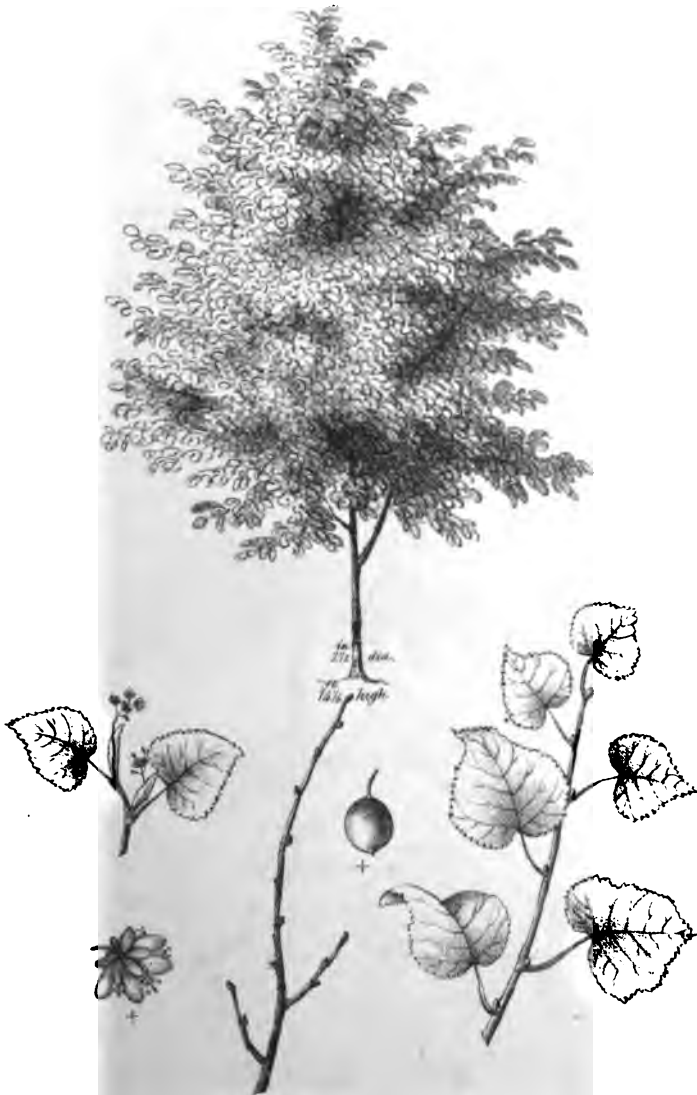


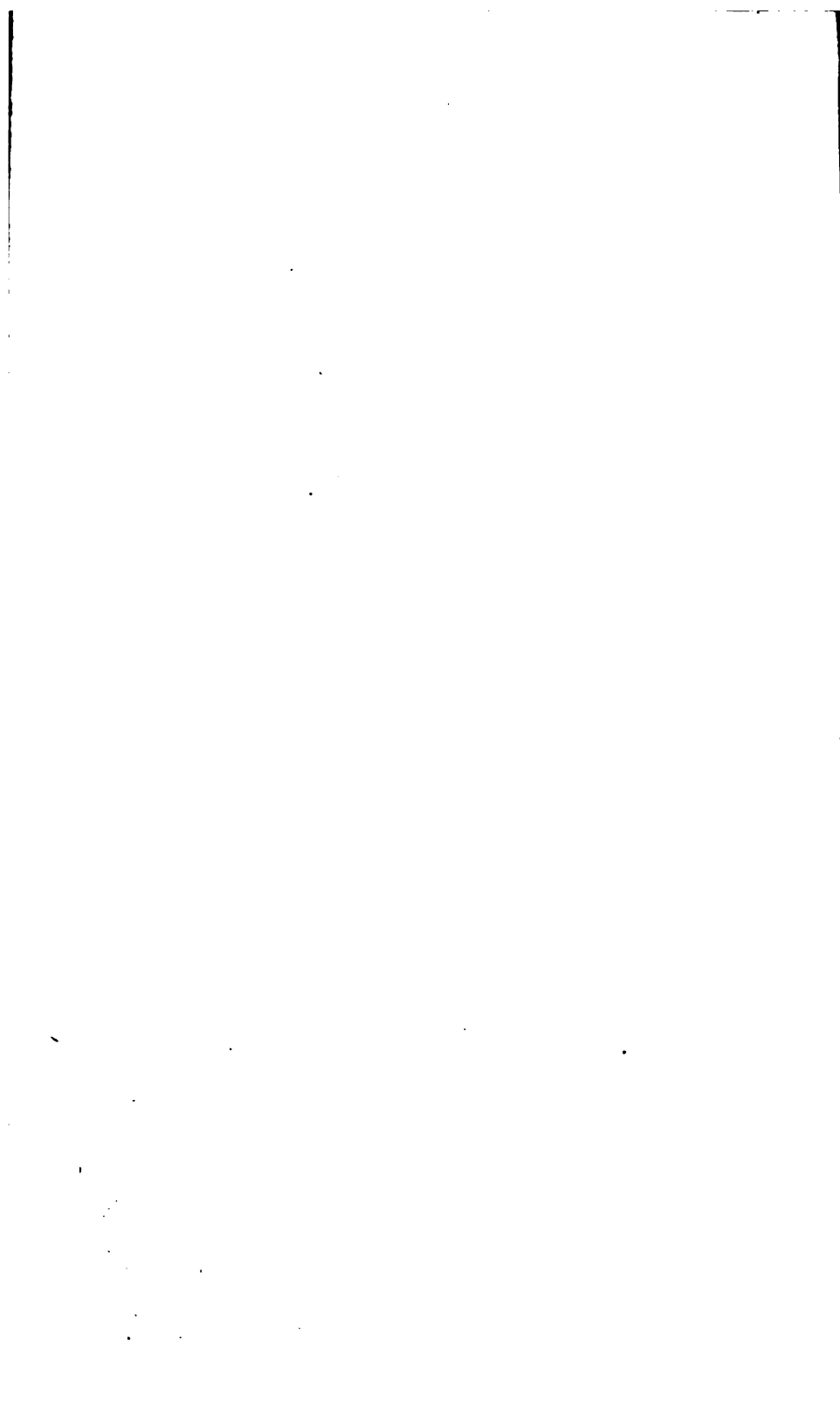
Model 16 in Limb of Tree N. Haghe



III. c .  
*Tilia rubra.*  
The red-twigged lime tree.

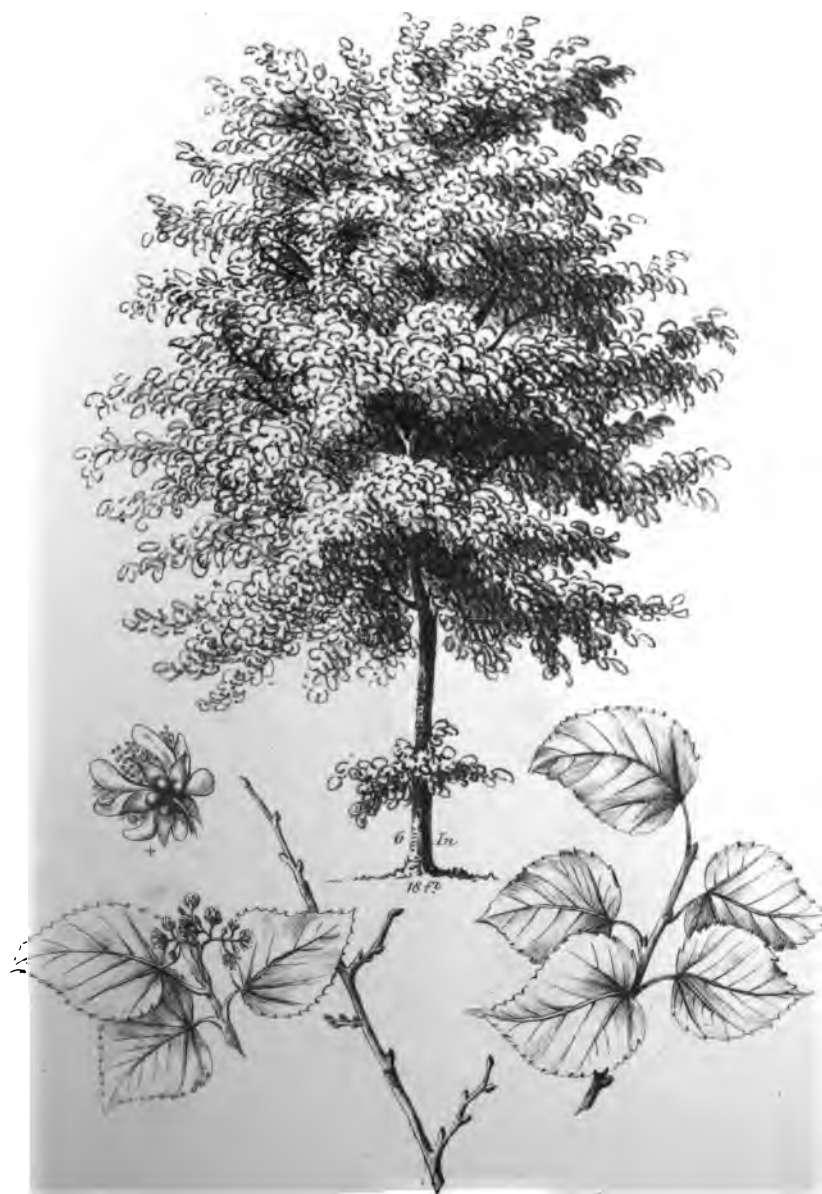
17



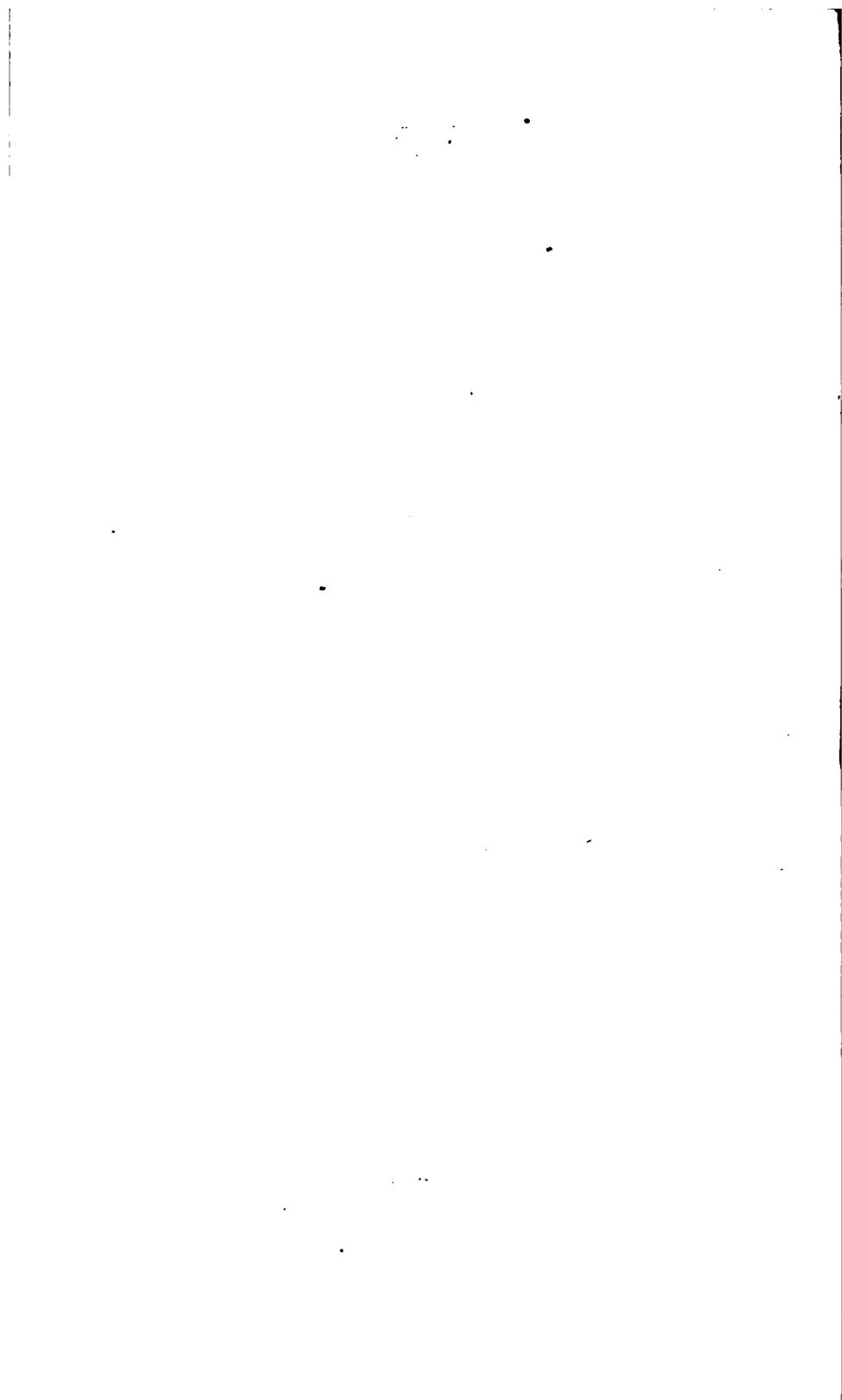


III.  
*Tilia platyphylla.*  
The broad-leaved Lime tree.

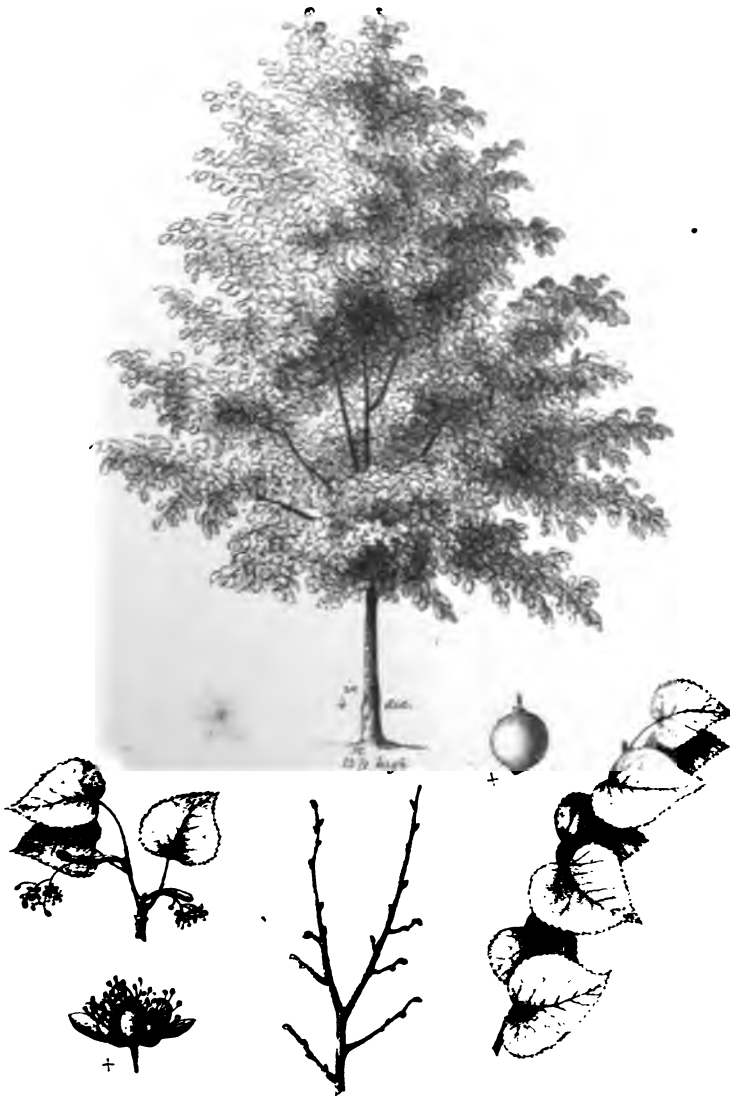
19



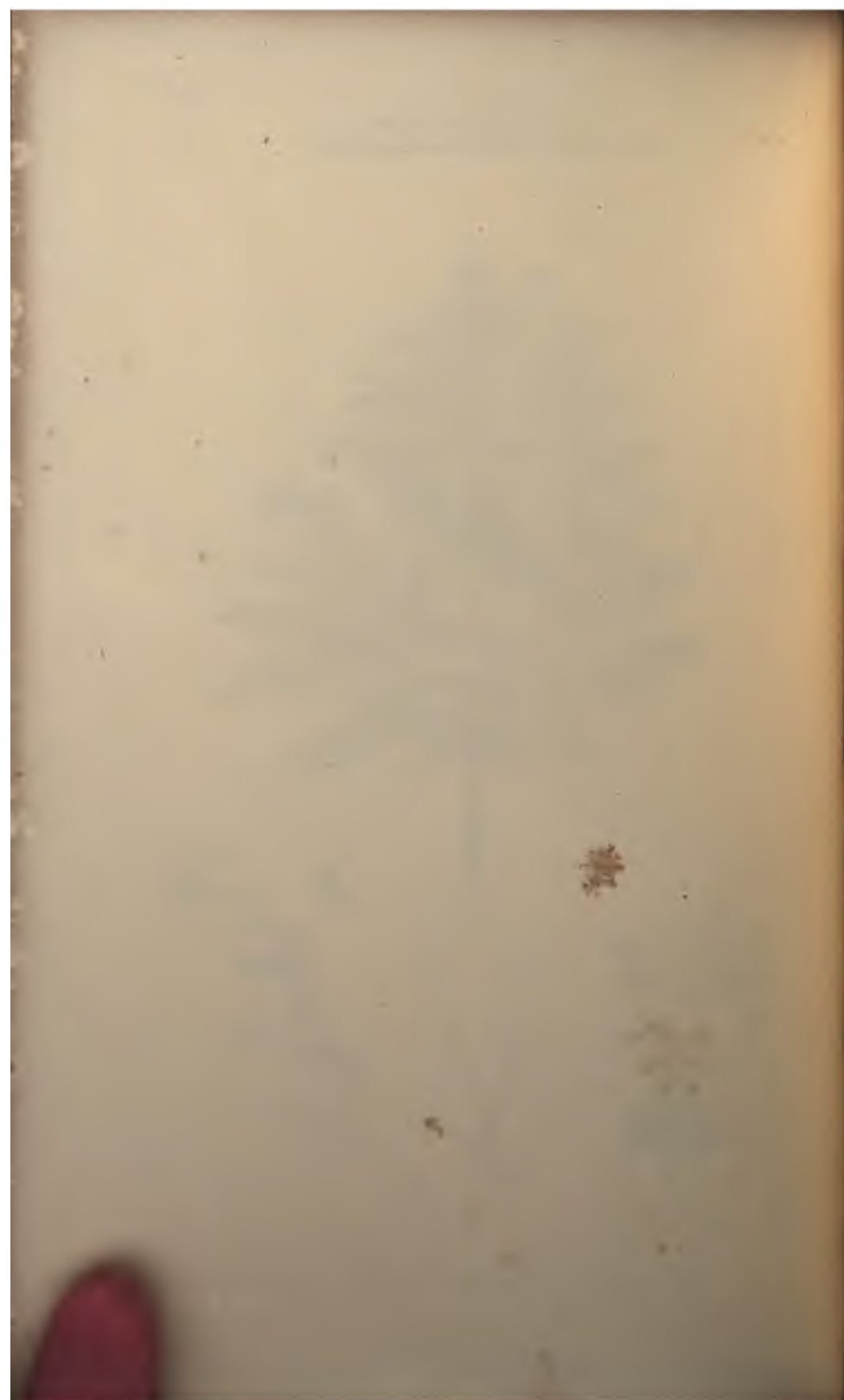
Printed from Zuccarini's Day & Taglio.



*Tilia platyphylla minor.*  
The smaller broad-leaved Lime tree.

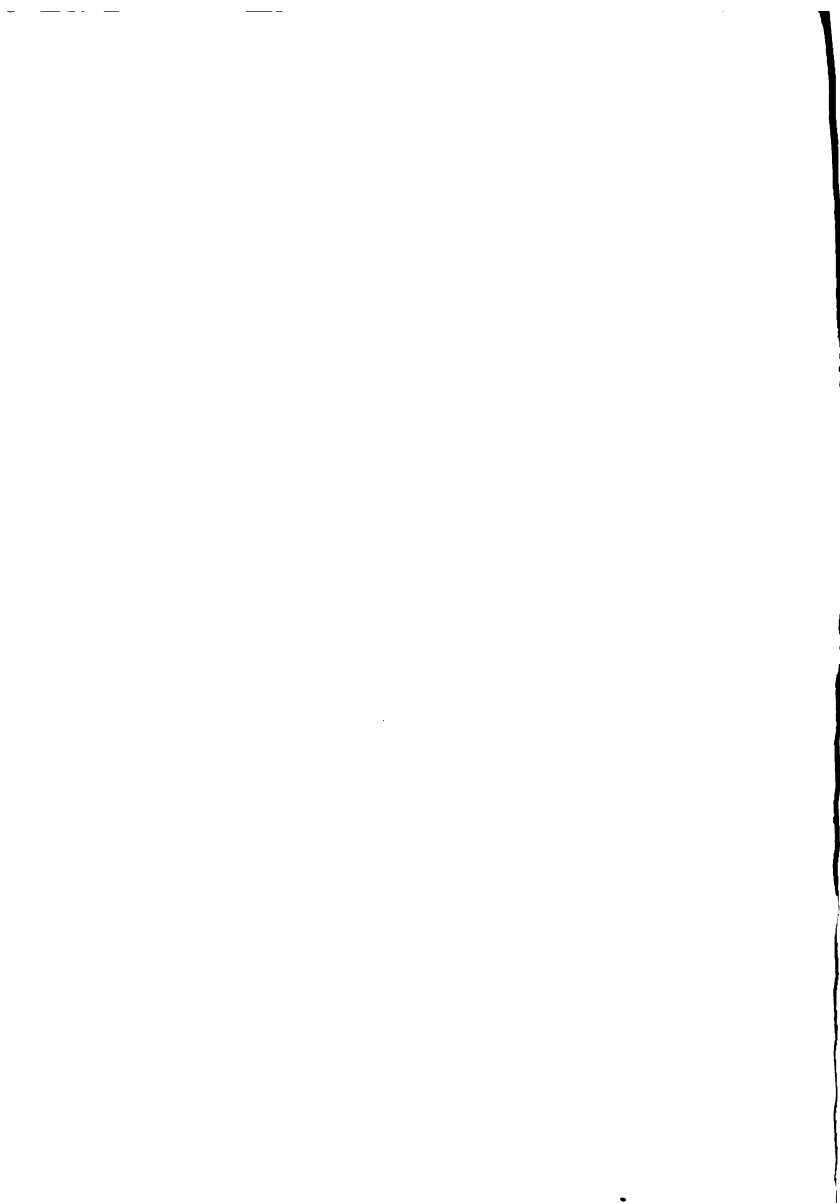






*Tilia platyphyllos laciniata*.  
The laciniated broad-leaved lime tree.

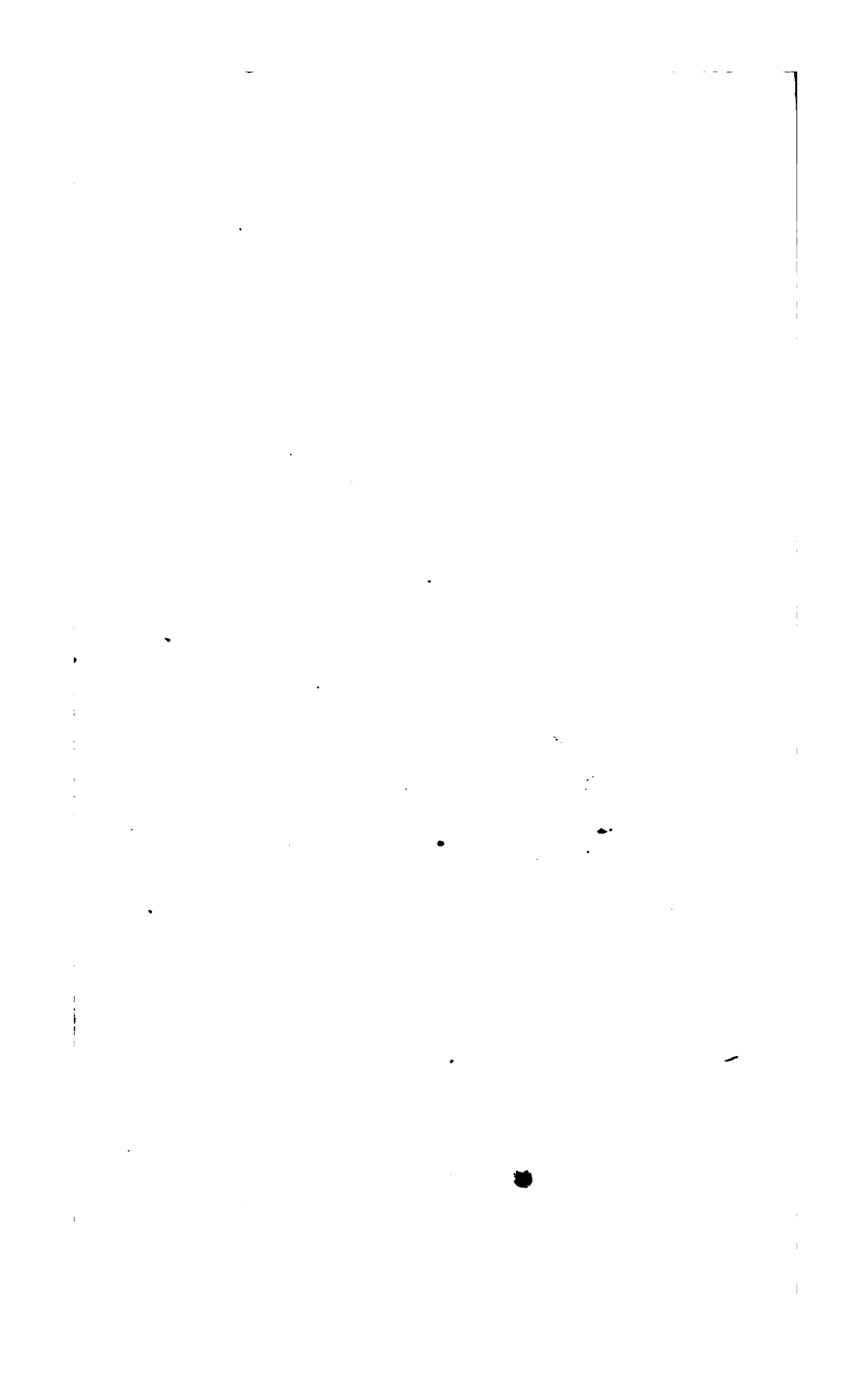




*Titia parvifolia aurea.*

The small-leaved golden-twigged lime tree.





*Tilia parvifolia aurea.*

The small-leaved golden-twigged lime tree.

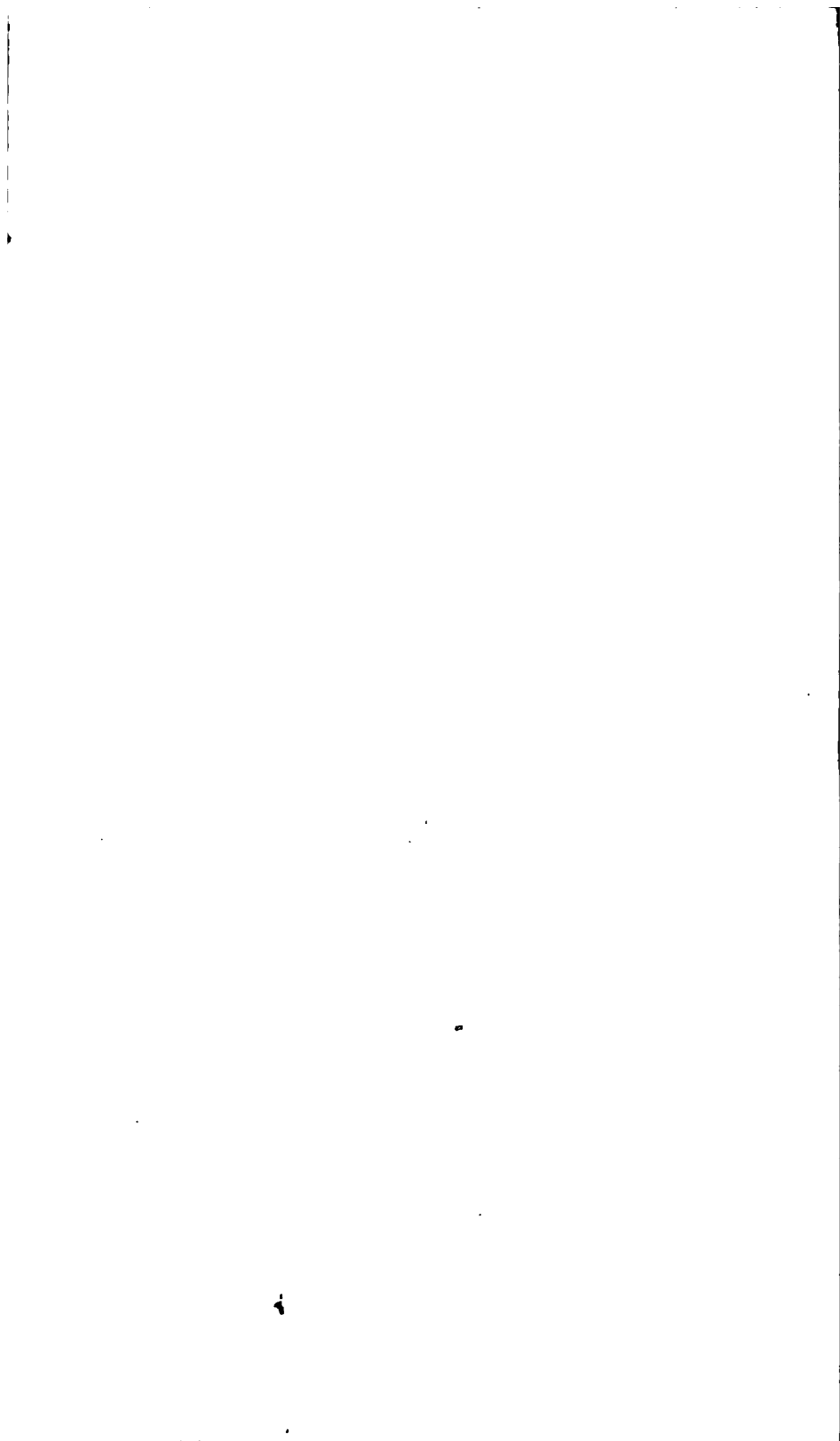




*Tilia argentea*.  
The silvery-leaved Lime tree.





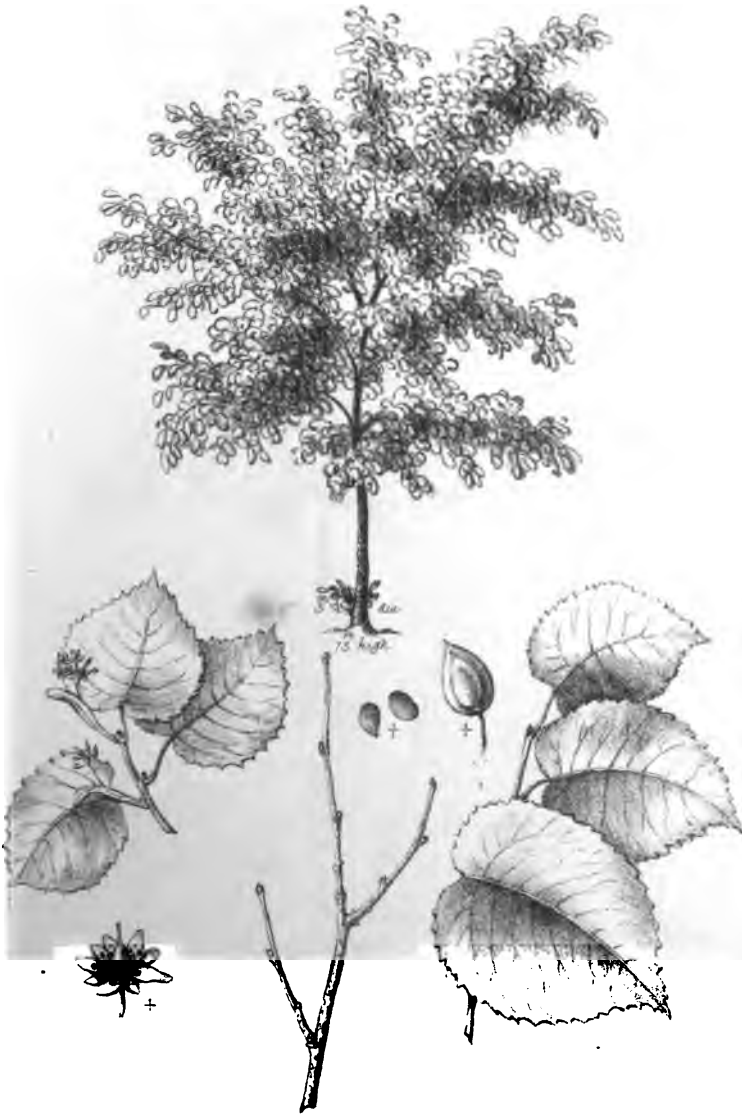


III. K.

24

*Tilia alba.*

The white-leaved Lime tree.



Printed from Zinc by Day & Haghe.



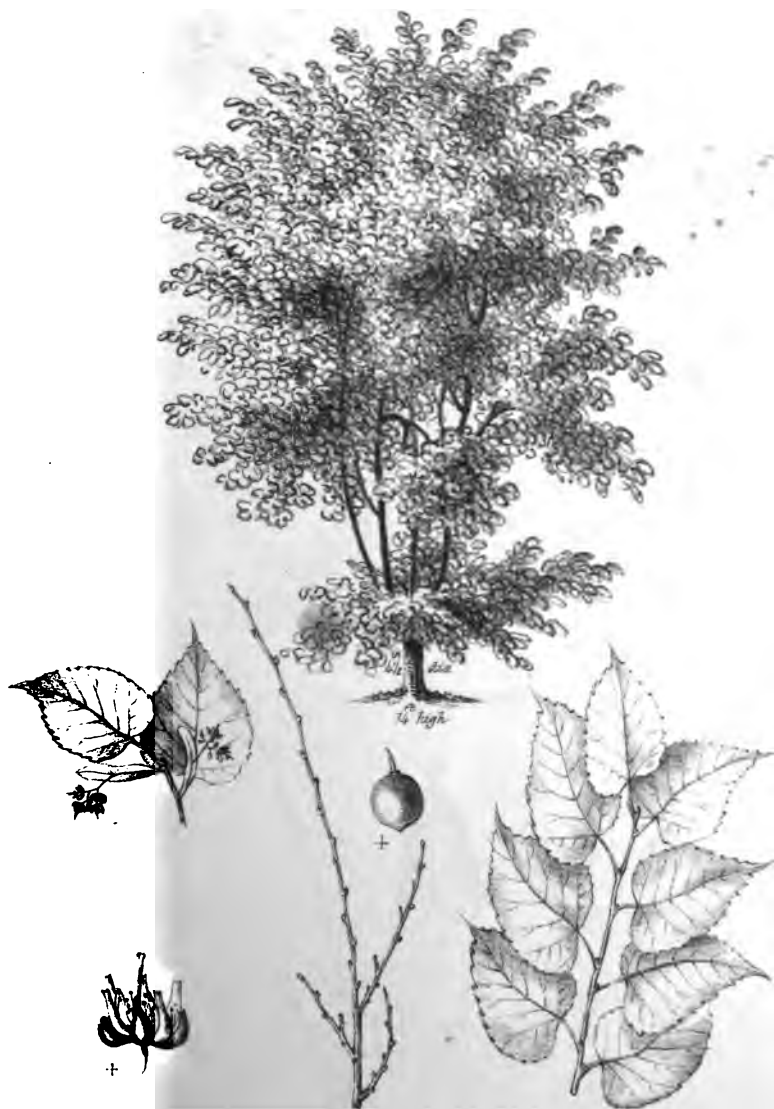
*Tilia laxiflora.*  
The loose-flowered Lime tree





III. H.  
*Tilia pubescens.*  
The downy-leaved lime tree.

22





*Acer latâricum.*  
The Tartarian Maple.



+



+







*Acer spicatum*.  
The spike-flowered Maple.





*Acer striatum*.  
The striped-barked Maple.

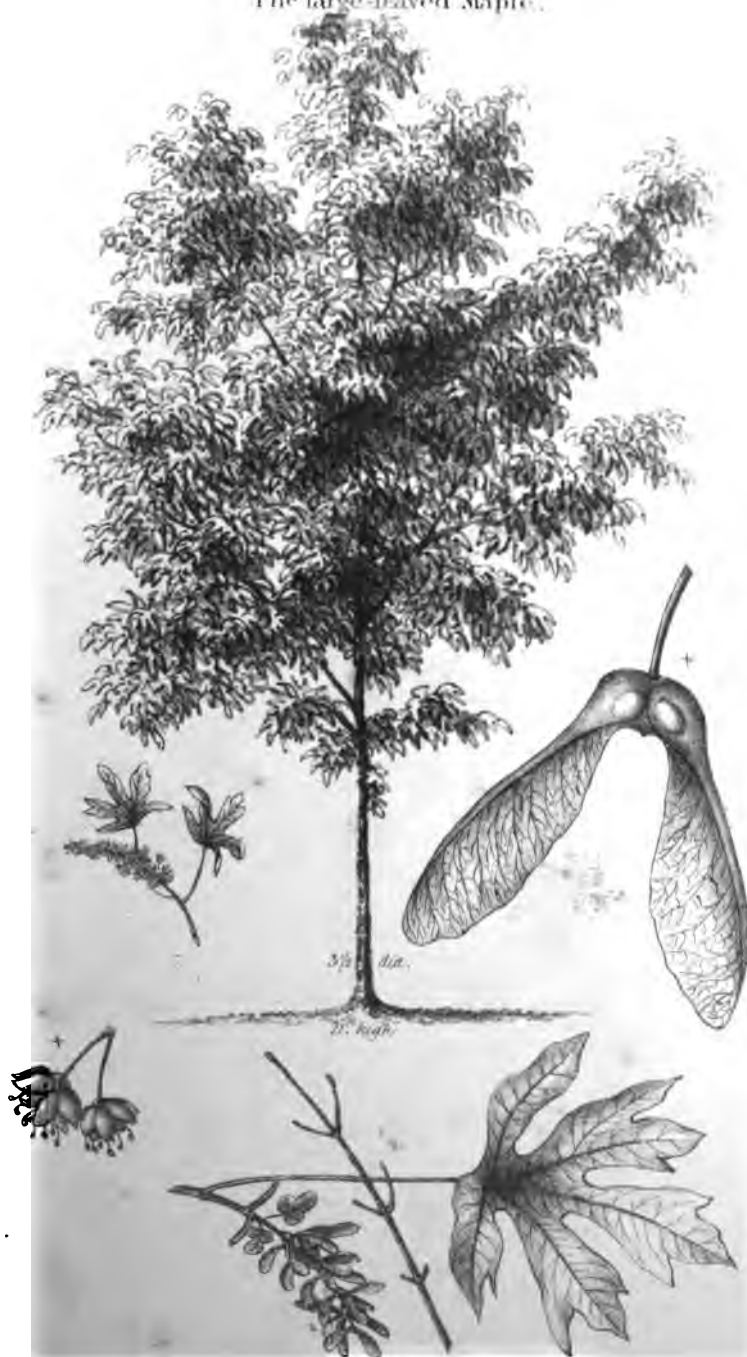


Printed from Zinc by Day & Hagbes.



IV.1.  
*Acer macrophyllum*  
The large-leaved Maple.

51.



Printed from Zucc. Tree & Haghe.

[illegible]







*Acer platanoides laciniatum*  
The cut-leaved Platanus-like Maple.



*Fraxinus hirsuta* (L.) Desf. *Alnus* *Alnus*



IV. m  
*Acer saccharinum*.  
The sugar Maple.

57





IV H  
*Acer Pseudo-Platanus.*  
The Sycamore, or Bastard Plane tree Maple.

55





*Acer Pseudo-Platanus.*

The false Platanus, or common Sycamore.



Full-grown tree at Studley, 100 ft. high; diam. of the trunk, 8 ft. 1 in.; and of the head, 91 ft.  
[Scale 1 in. to 24 ft.]

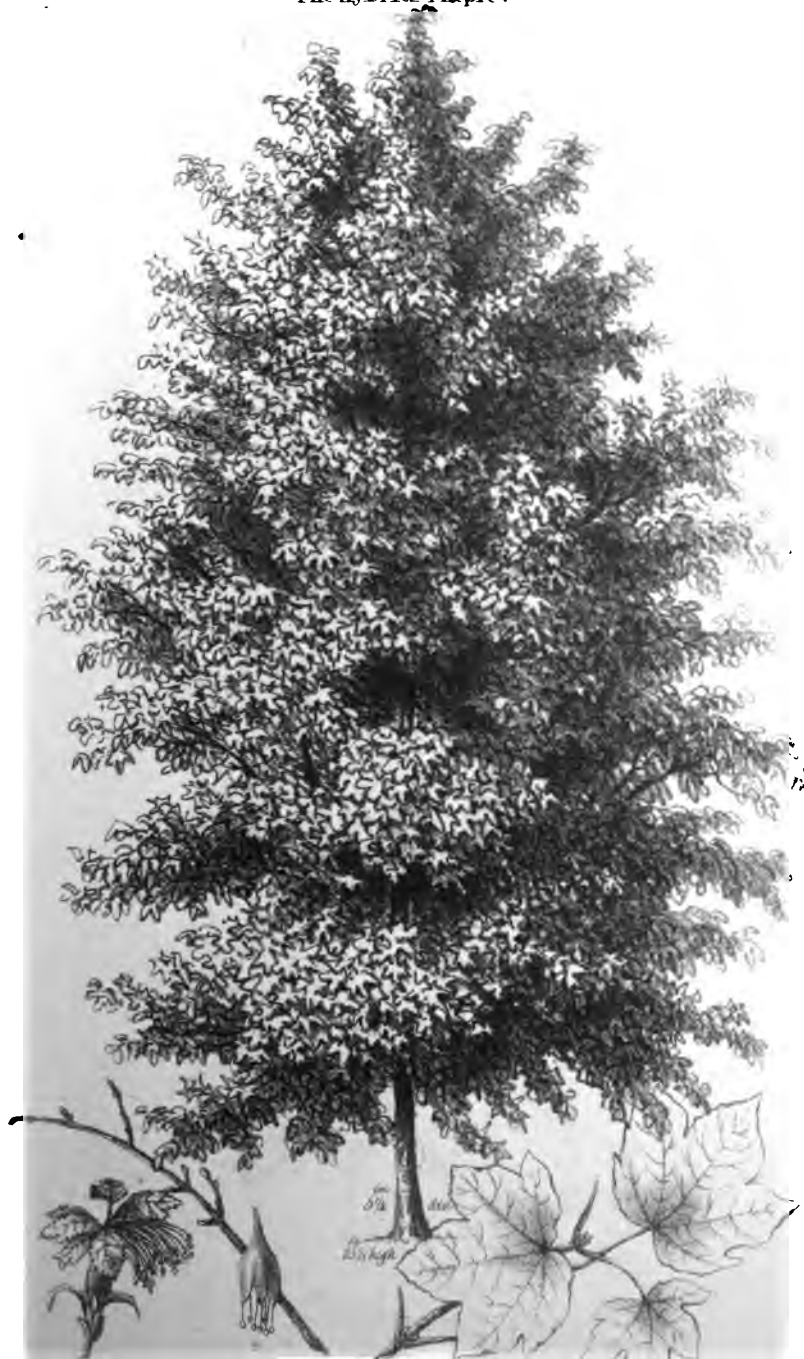




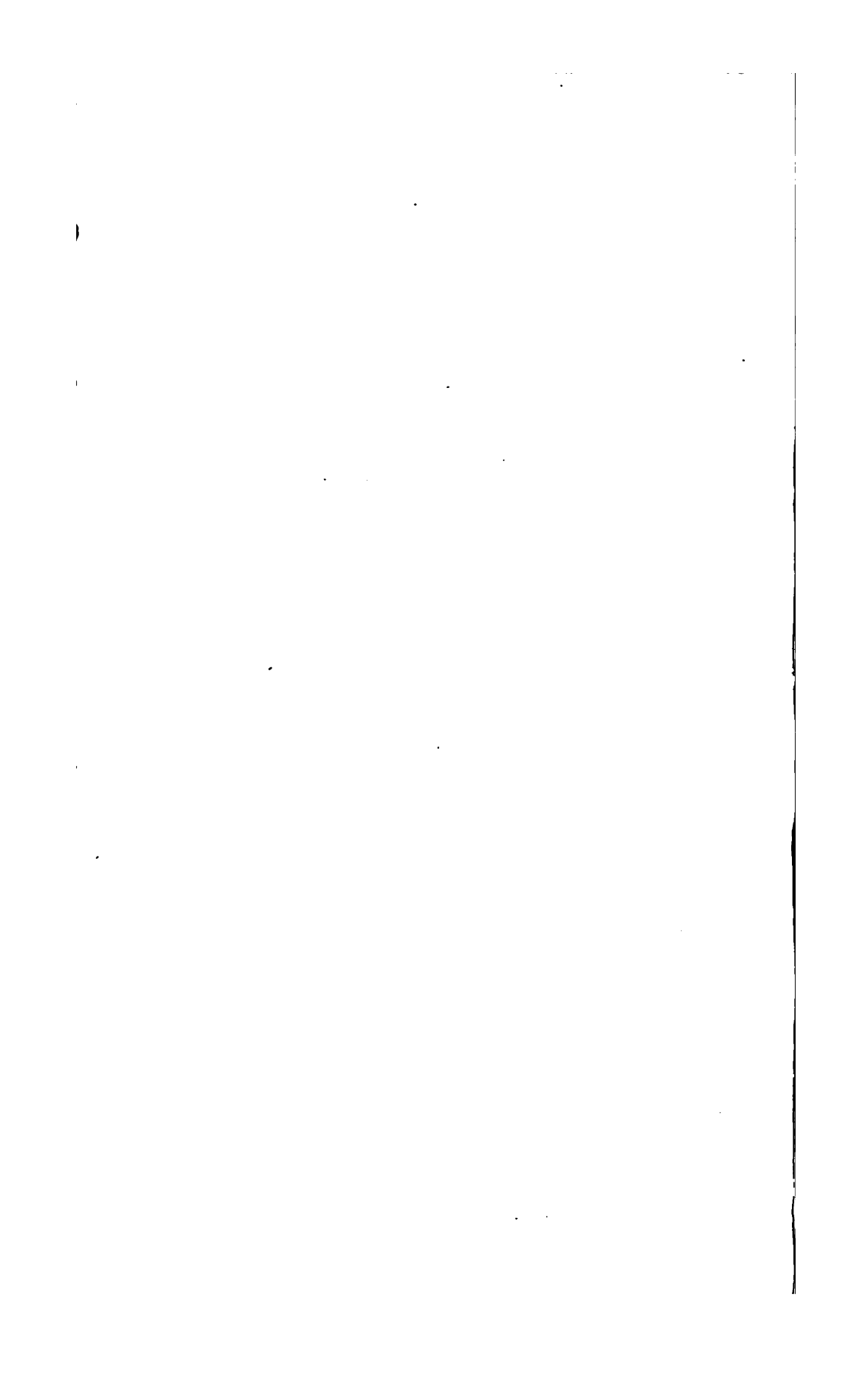


IV.  
*Acer hybridum*.  
The hybrid Maple.

38



Printed from the Zinc by Day & Hacon



IV. F.

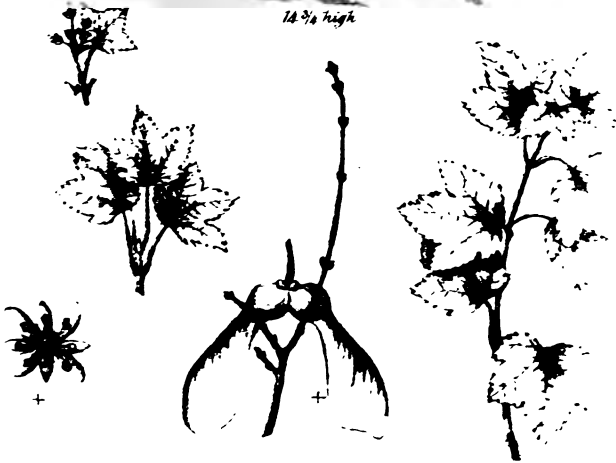
51

*Acer opulifolium*.

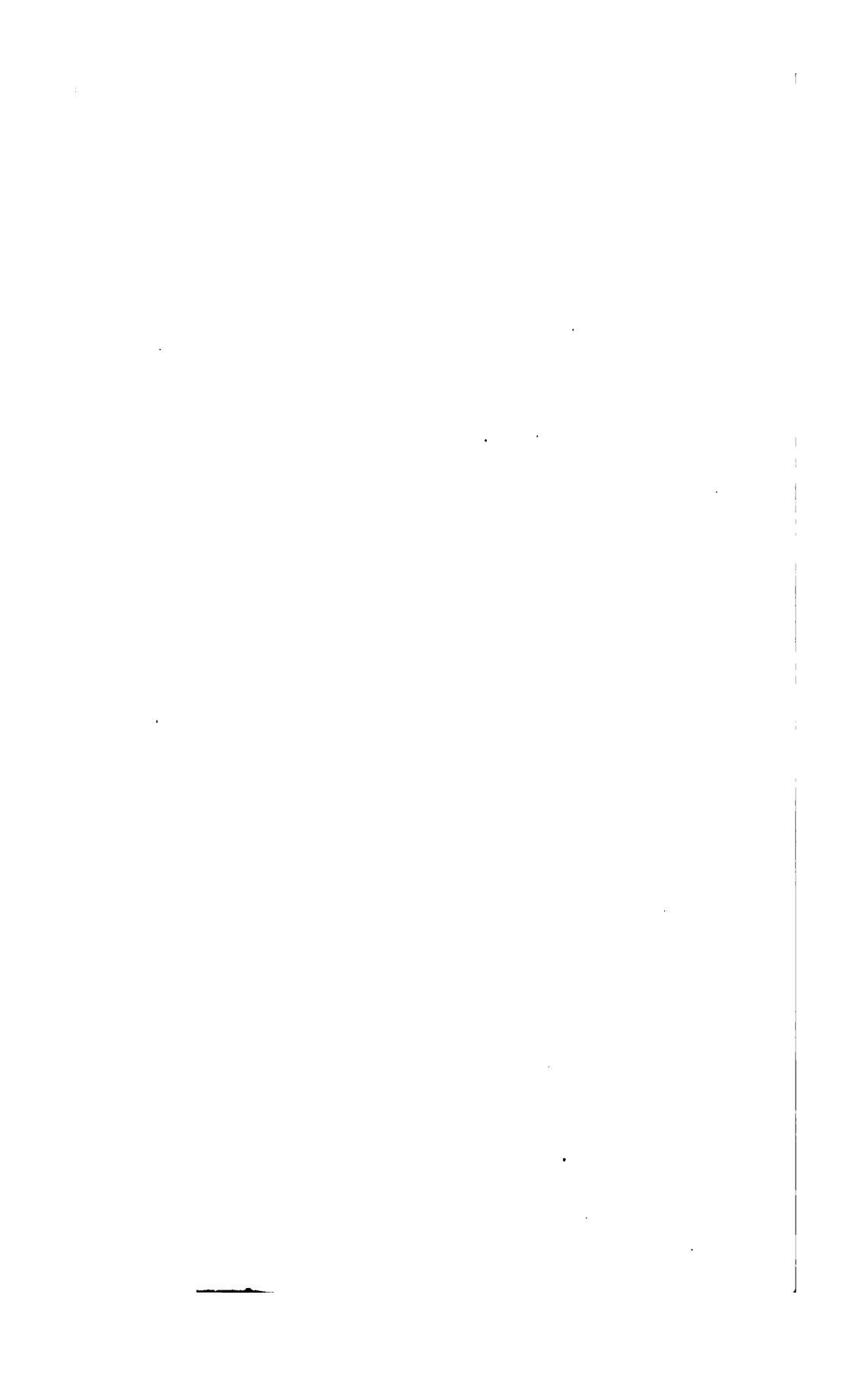
The Guelder-Rose-leaved Maple.



14  $\frac{3}{4}$  high



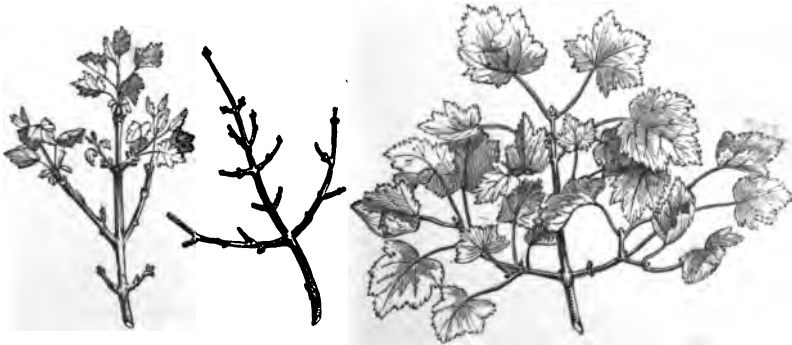
Printed from Zanted's Atlas Florae



*Acer Ópulus.*  
The Guelder-rose-like Maple.



10 ft. high. 2½ in. diam.



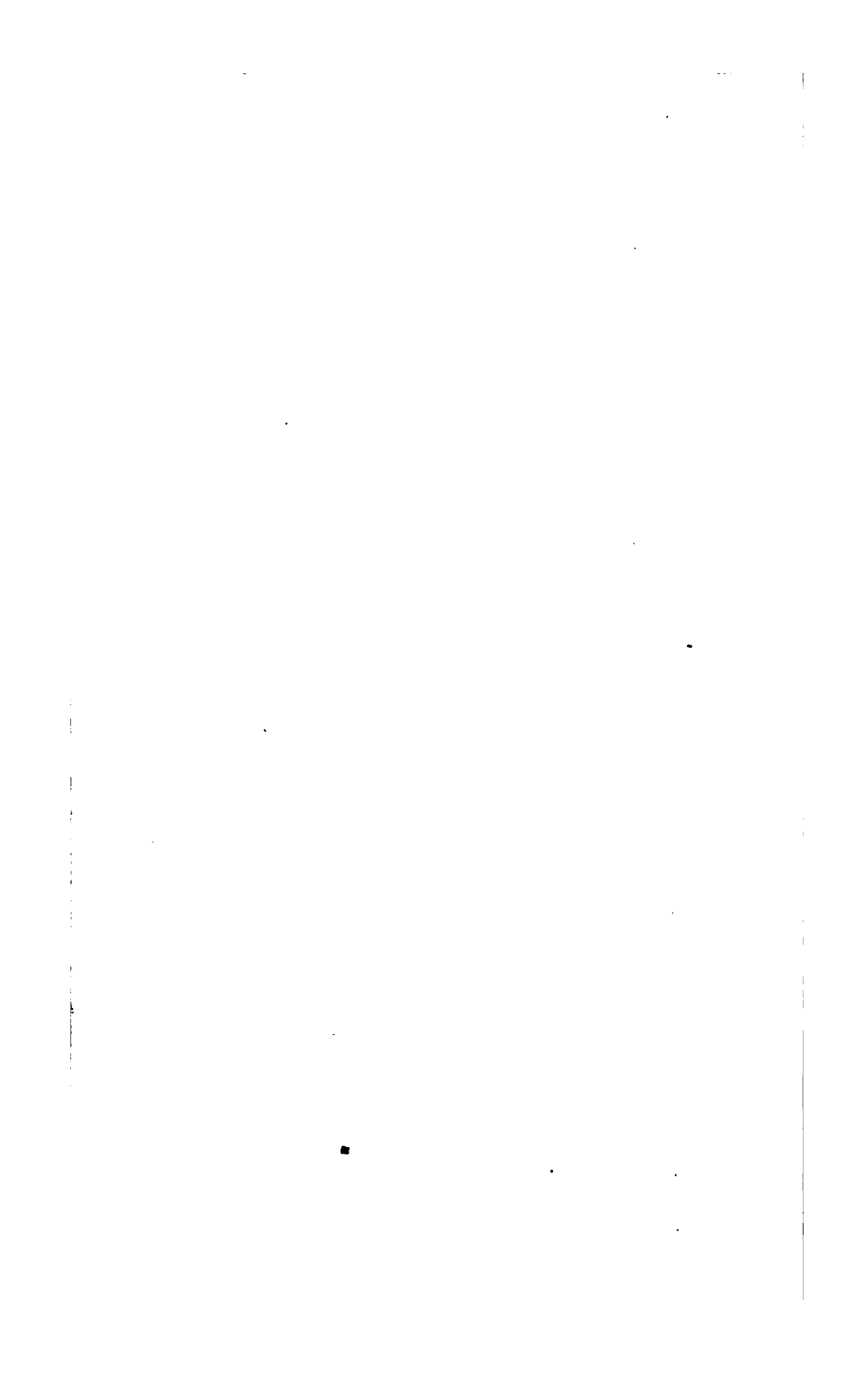


IV P  
*Acer cruciatum*.  
The woolly-fruited Maple.

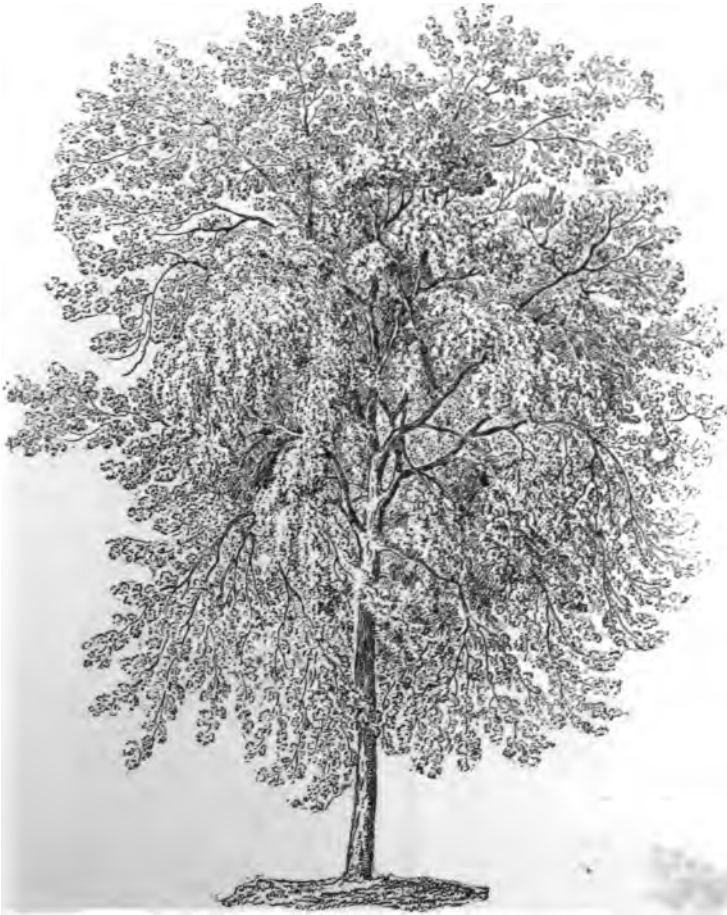
40







*Àcer eriocárpon.*  
The woolly-fruited Maple.



Full-grown tree at Kew, 56 ft. high; diam. of the trunk, 3 ft.; and of the head, 46 ft.  
[Scale 1 in. to 12 ft.]



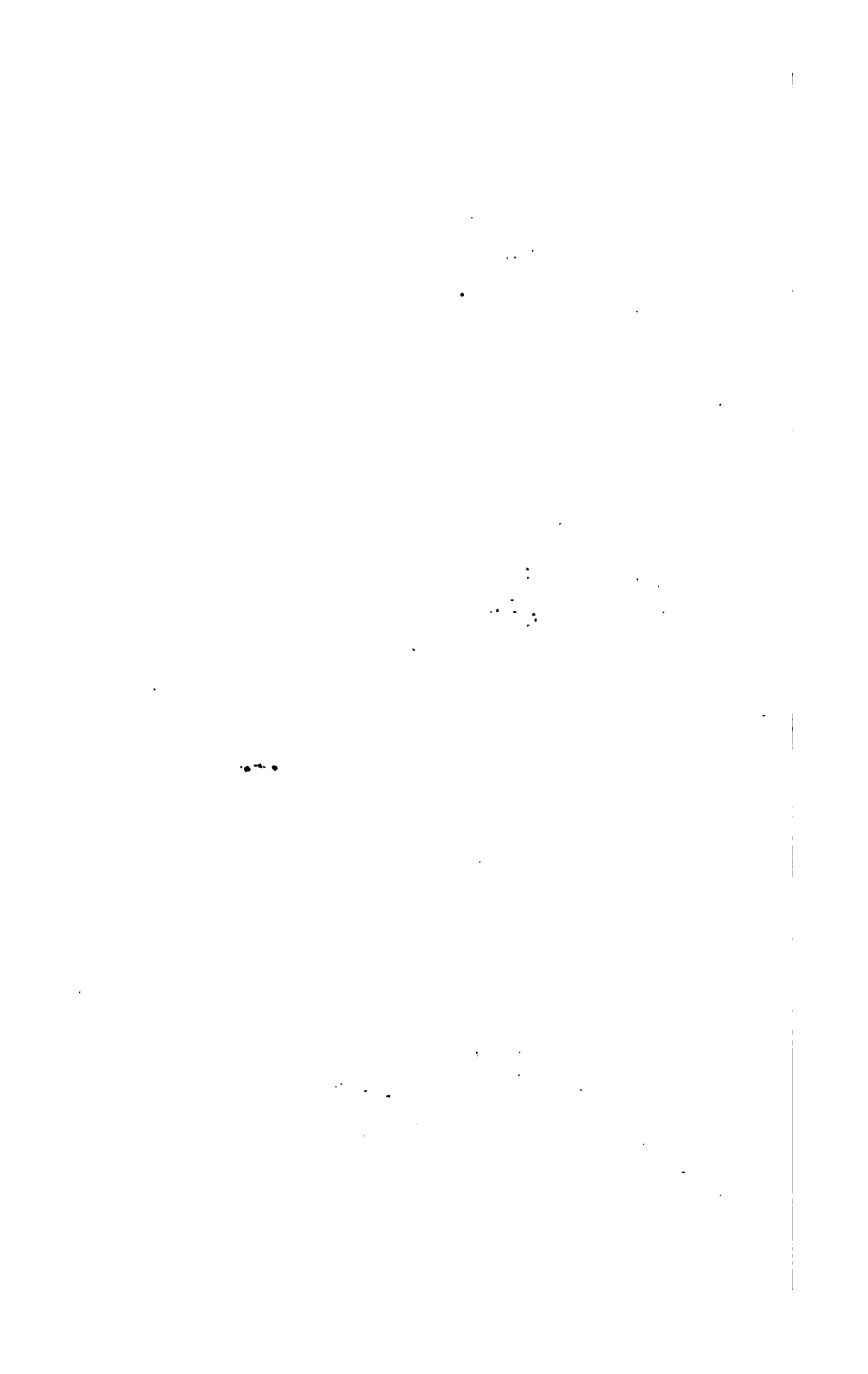


IV. o.  
*Acer rubrum.*  
 The red-flowered Maple.

39



Tree 15 cm 7 in. by Dar & Macke.



*Acer rubrum.*  
The Red, or Swamp Maple.



Full grown tree at Kew, 36 ft. high; diam. of the trunk, 2½ ft.; and ~~at Kew~~ <sup>at Kew</sup>, 30 ft.  
[Scale 1 in. to 12 ft.]





IV. B.  
*Acer monspessulanum*.  
 The Montpellier Maple.

27



Printed from the original in the Herbarium.





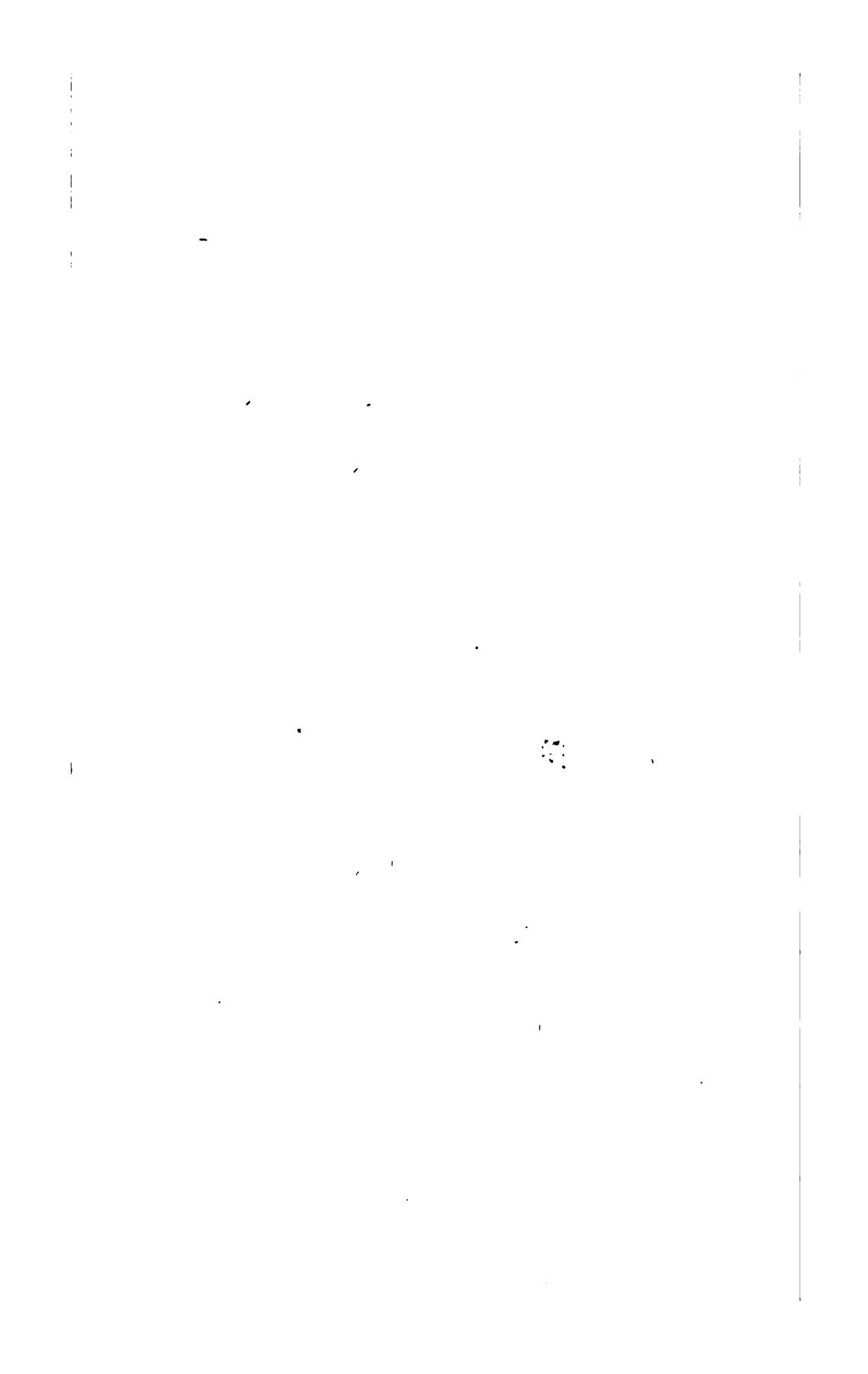
*Acer monspessulanum.*

The Montpelier Maple.



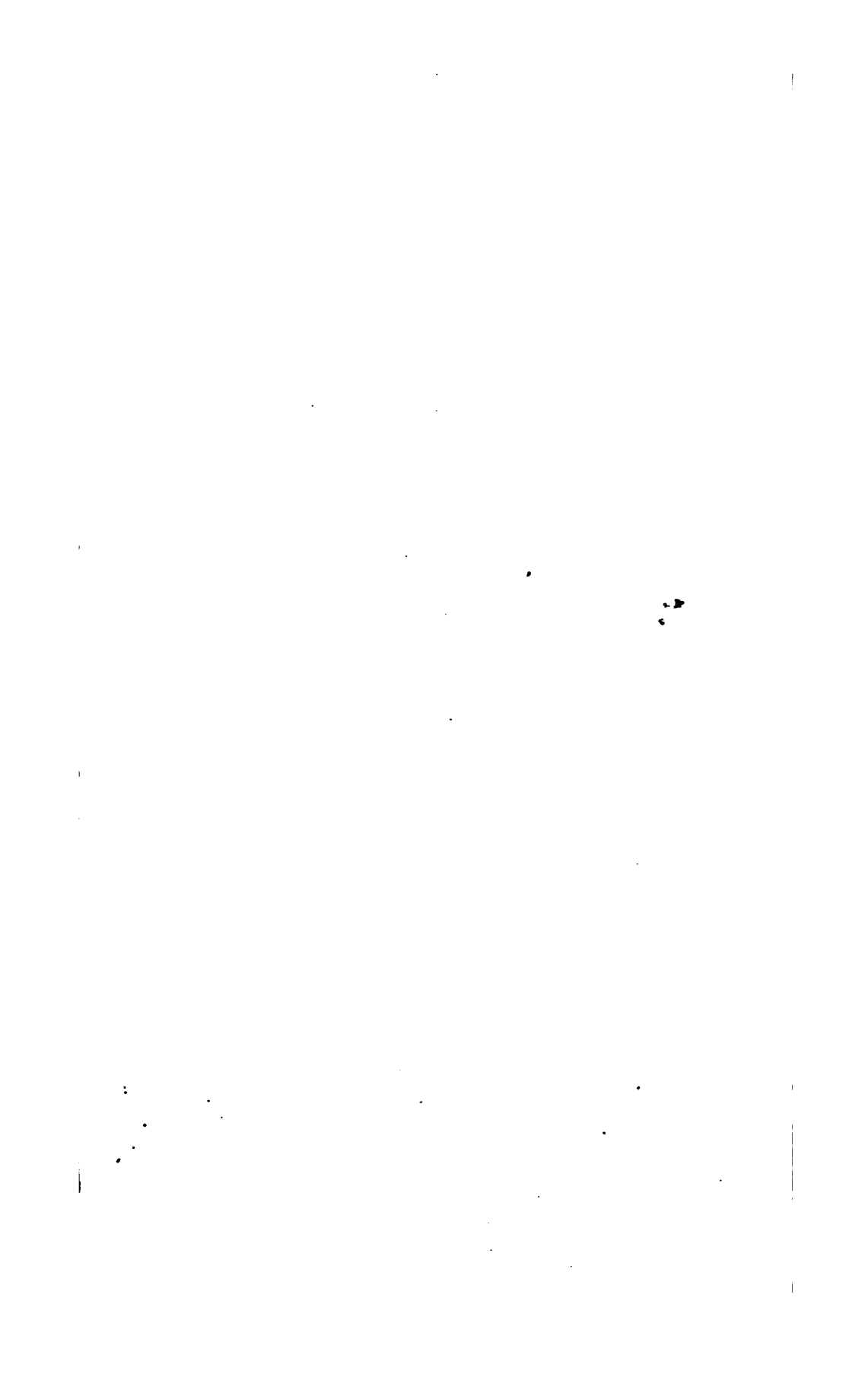
Full grown tree at Ham House, 30 ft. high; diam. of the head, 40 ft.; and of the trunk,  $1\frac{1}{2}$  ft.  
[Scale 1 in. to 12 ft.]





*Acer campéstre.*  
The common, or field, Maple.



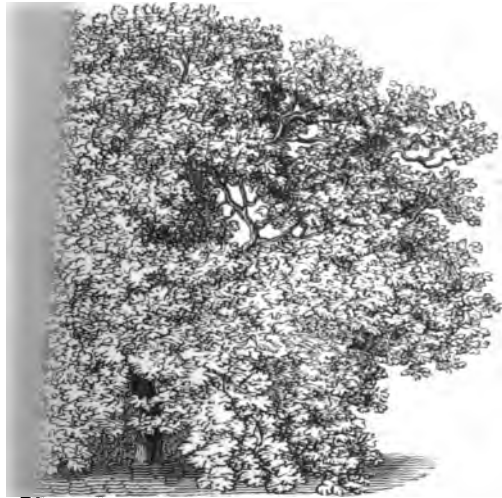


IV. q.

40 a

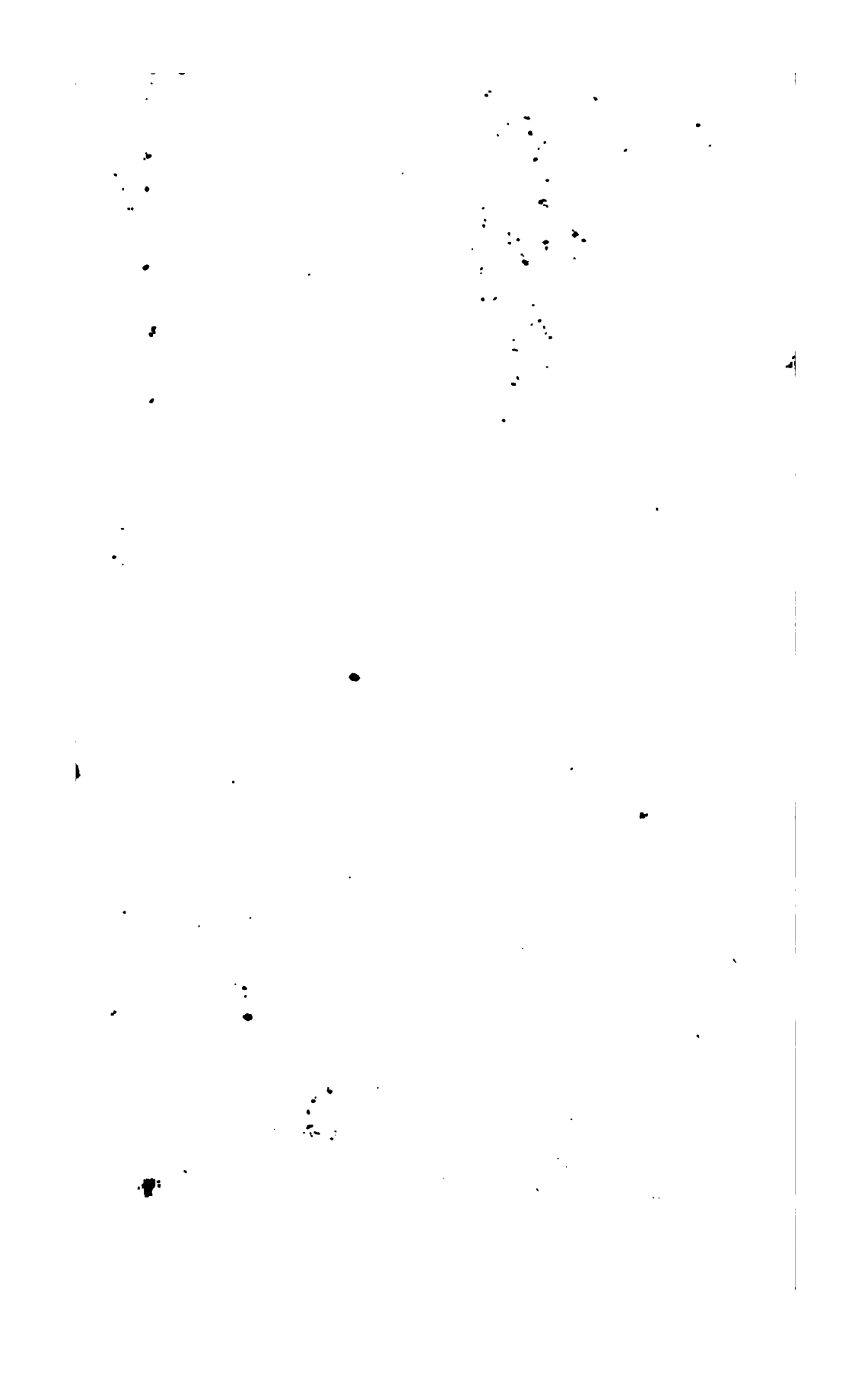
*r créticum.*

Bretan Maple.



high; diam. of the trunk,  $2\frac{1}{2}$  ft. and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]

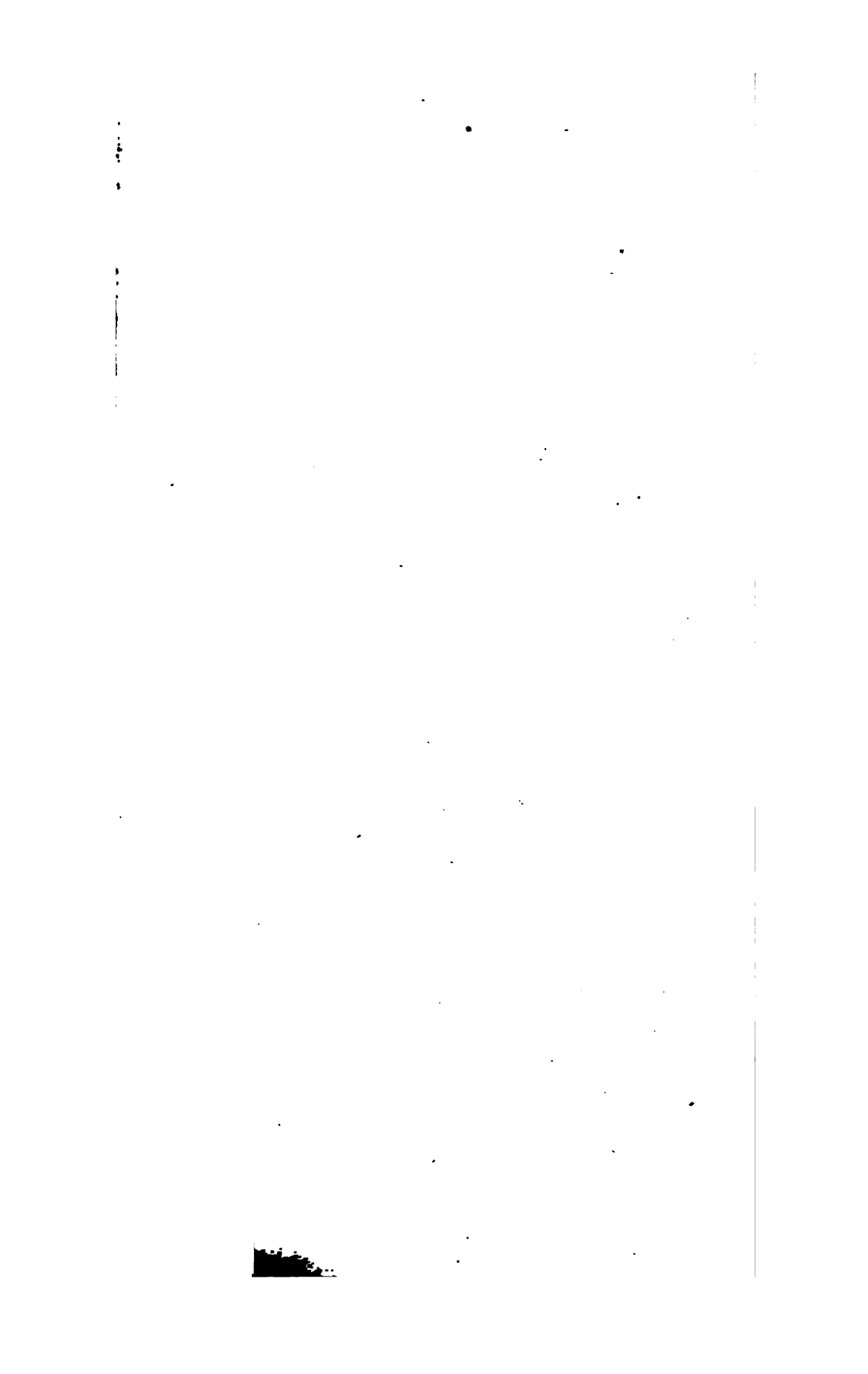






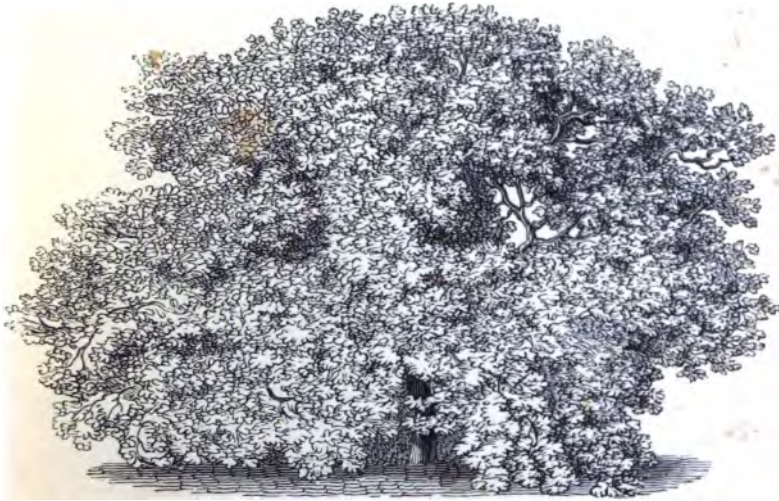
Full-grown tree at St





*Acer créticum.*

The Cretan Maple.



Full grown tree at Syon, 28 ft. high; diam. of the trunk,  $2\frac{1}{2}$  ft. and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]





V.A.  
Negundo *fraxinifolium*.  
The Ash-leaved Box Elder.

41

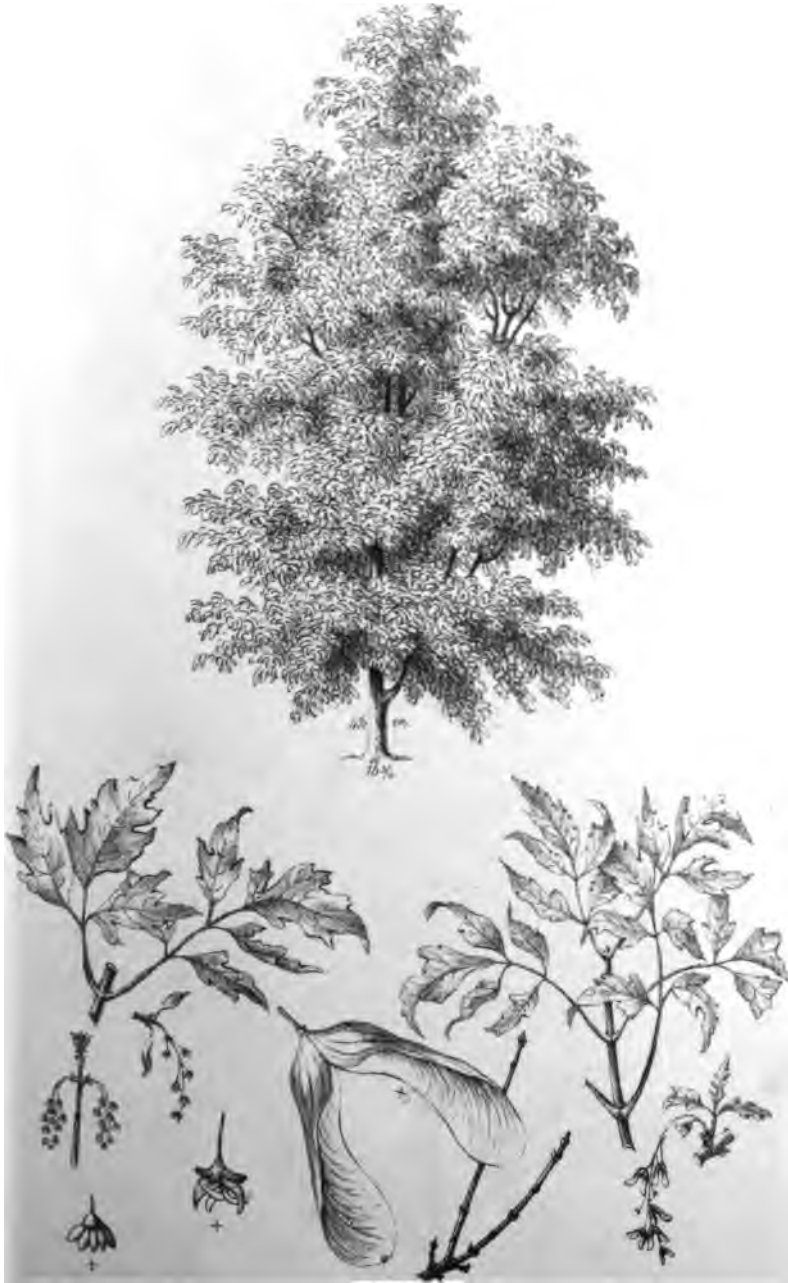


Printed from Zinc by Day & Haghe.

30 ft high.



*Negundo fraxinifolium crispum.*  
The curled Ash-leaved Box Elder.



Painted from Zinc by Day & Haghe.



VI. A  
*Æsculus Hippocastanum*.  
The common Horsechestnut.

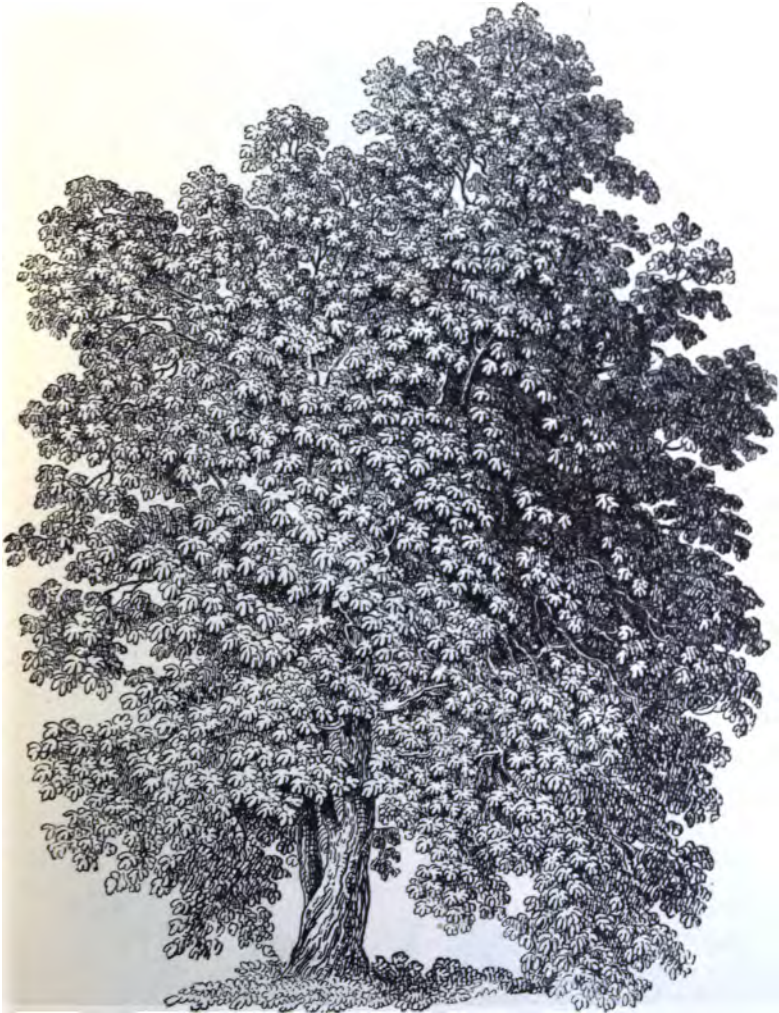
43







*Æsculus Hippocástanum.*  
The common Horse-Chestnut.



Full-grown tree at Forty Hill, Enfield, 62 ft. high; diam. of the trunk 4 ft.; and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]



| Date | Time | Location | Weather | Remarks |
|------|------|----------|---------|---------|
| 1901 | 1901 | 1901     | 1901    | 1901    |
| 1902 | 1902 | 1902     | 1902    | 1902    |
| 1903 | 1903 | 1903     | 1903    | 1903    |
| 1904 | 1904 | 1904     | 1904    | 1904    |
| 1905 | 1905 | 1905     | 1905    | 1905    |
| 1906 | 1906 | 1906     | 1906    | 1906    |
| 1907 | 1907 | 1907     | 1907    | 1907    |
| 1908 | 1908 | 1908     | 1908    | 1908    |
| 1909 | 1909 | 1909     | 1909    | 1909    |
| 1910 | 1910 | 1910     | 1910    | 1910    |
| 1911 | 1911 | 1911     | 1911    | 1911    |
| 1912 | 1912 | 1912     | 1912    | 1912    |
| 1913 | 1913 | 1913     | 1913    | 1913    |
| 1914 | 1914 | 1914     | 1914    | 1914    |
| 1915 | 1915 | 1915     | 1915    | 1915    |
| 1916 | 1916 | 1916     | 1916    | 1916    |
| 1917 | 1917 | 1917     | 1917    | 1917    |

*Æsculus carnea.*  
The flesh-coloured-flowered Horsechestnut.





*Pavia rubra.*

The red-flowered Pavia, or smooth-fruited, Horse-chestnut tree.



10 ft. high.  $3\frac{1}{2}$  in. diam.





*Pavia rubra.*

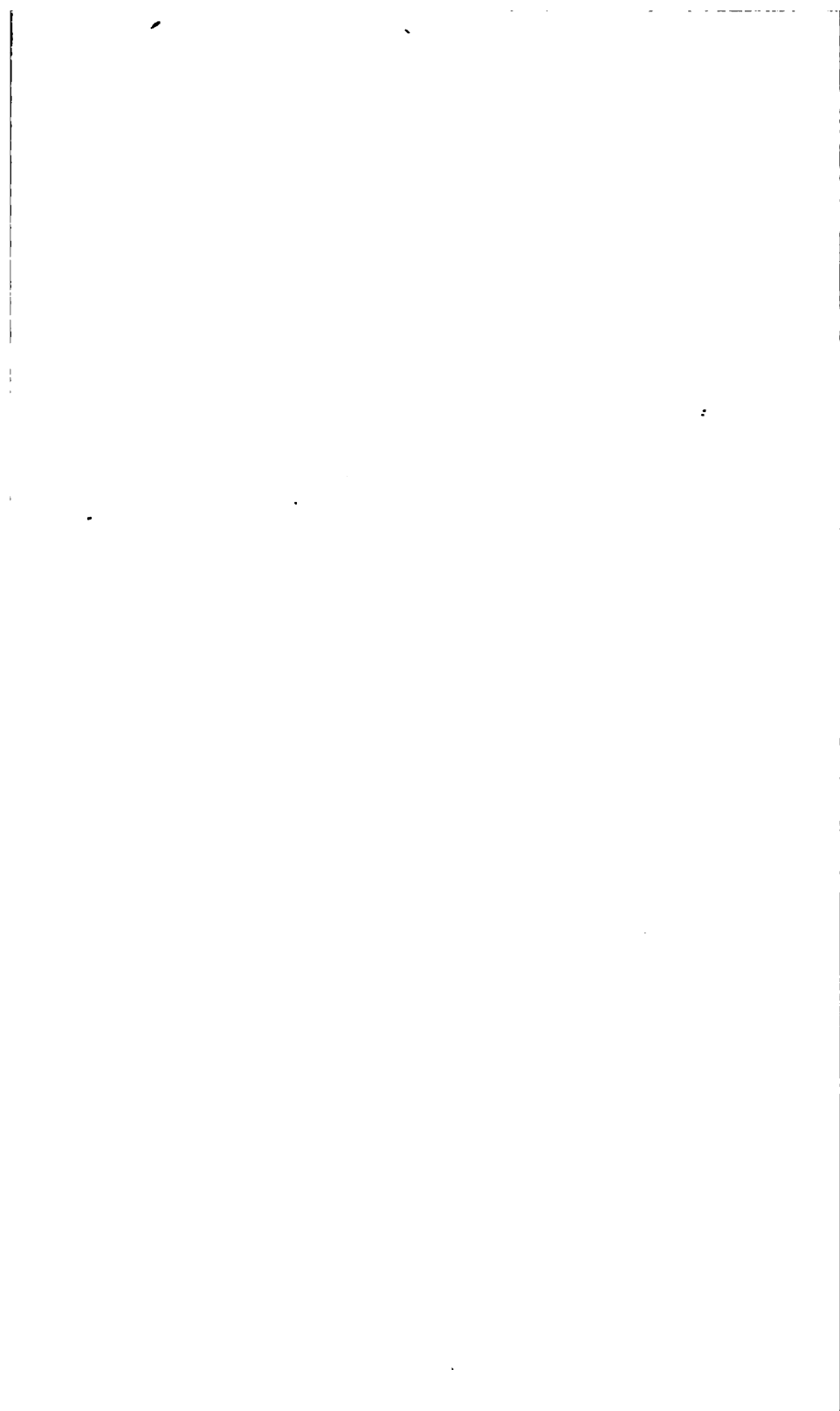
The red-flowered Pavia, or smooth fruited, Horse-chestnut tree.



Full grown tree at Syon; 36 ft. high; several small trunks from the same root head, 27 ft. diam.  
[Scale 1 in. to 12 ft.]







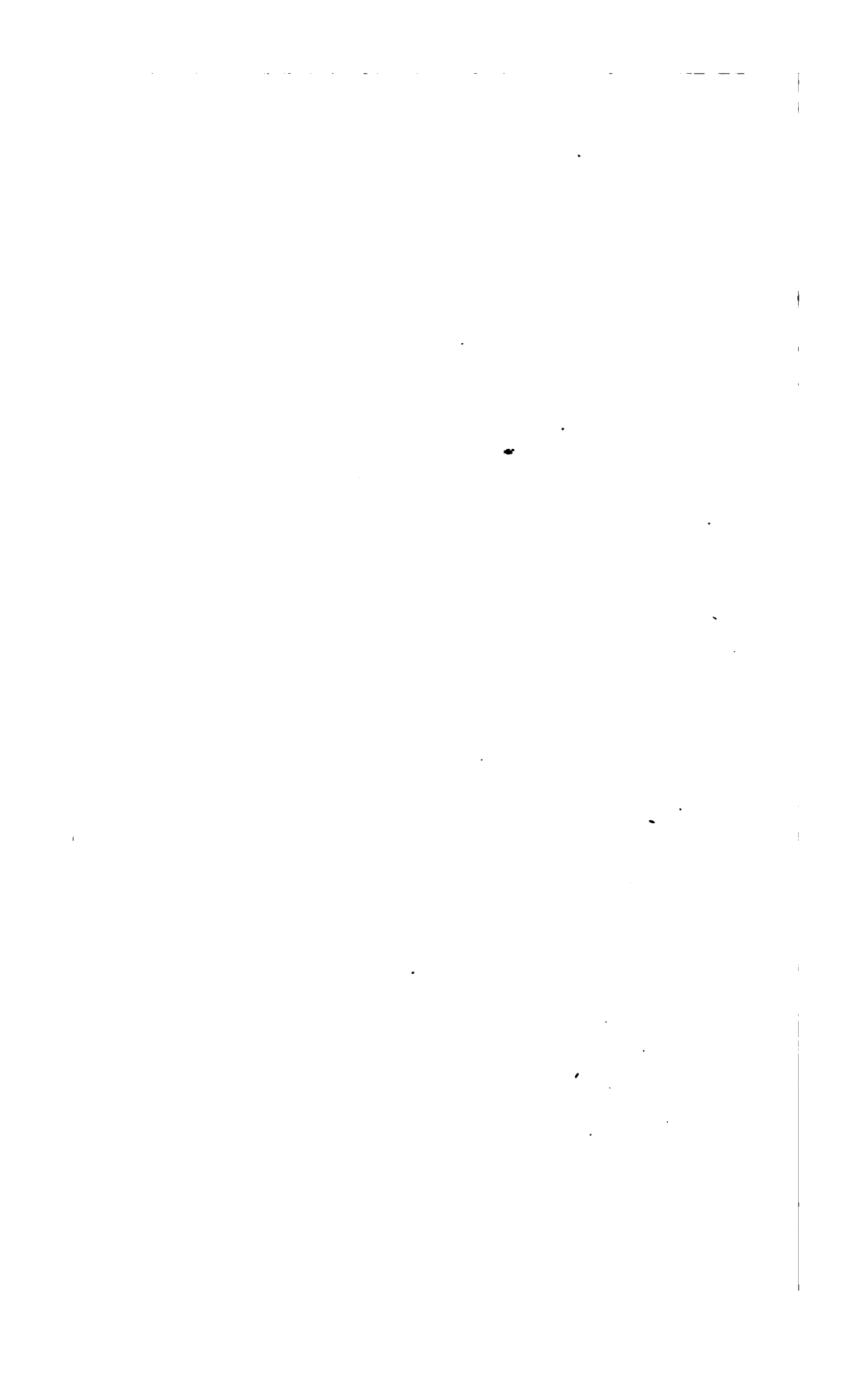
*Pavia rubra.*

The red-flowered, Pavia, or smooth-fruited Horse-Chestnut.



10 ft. high,  $4\frac{1}{2}$  in. diam.

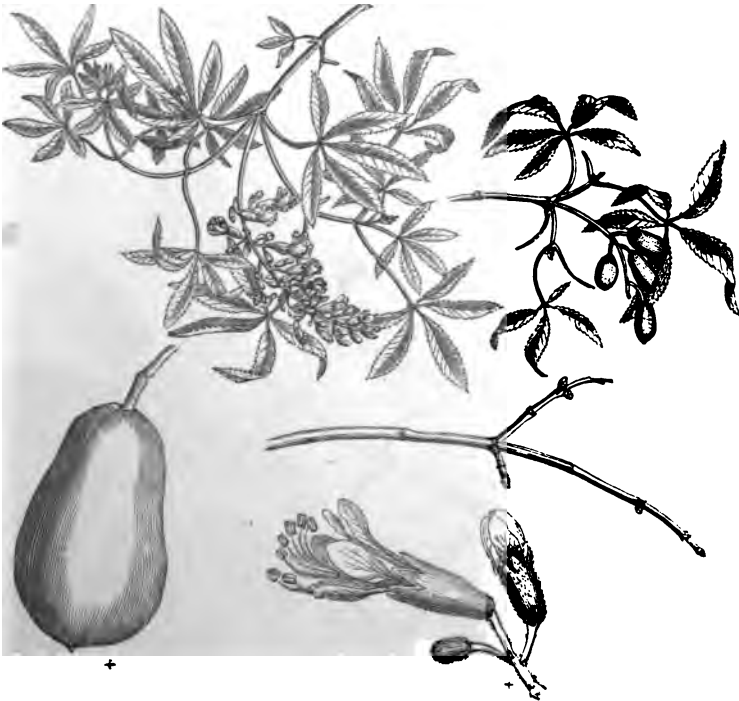


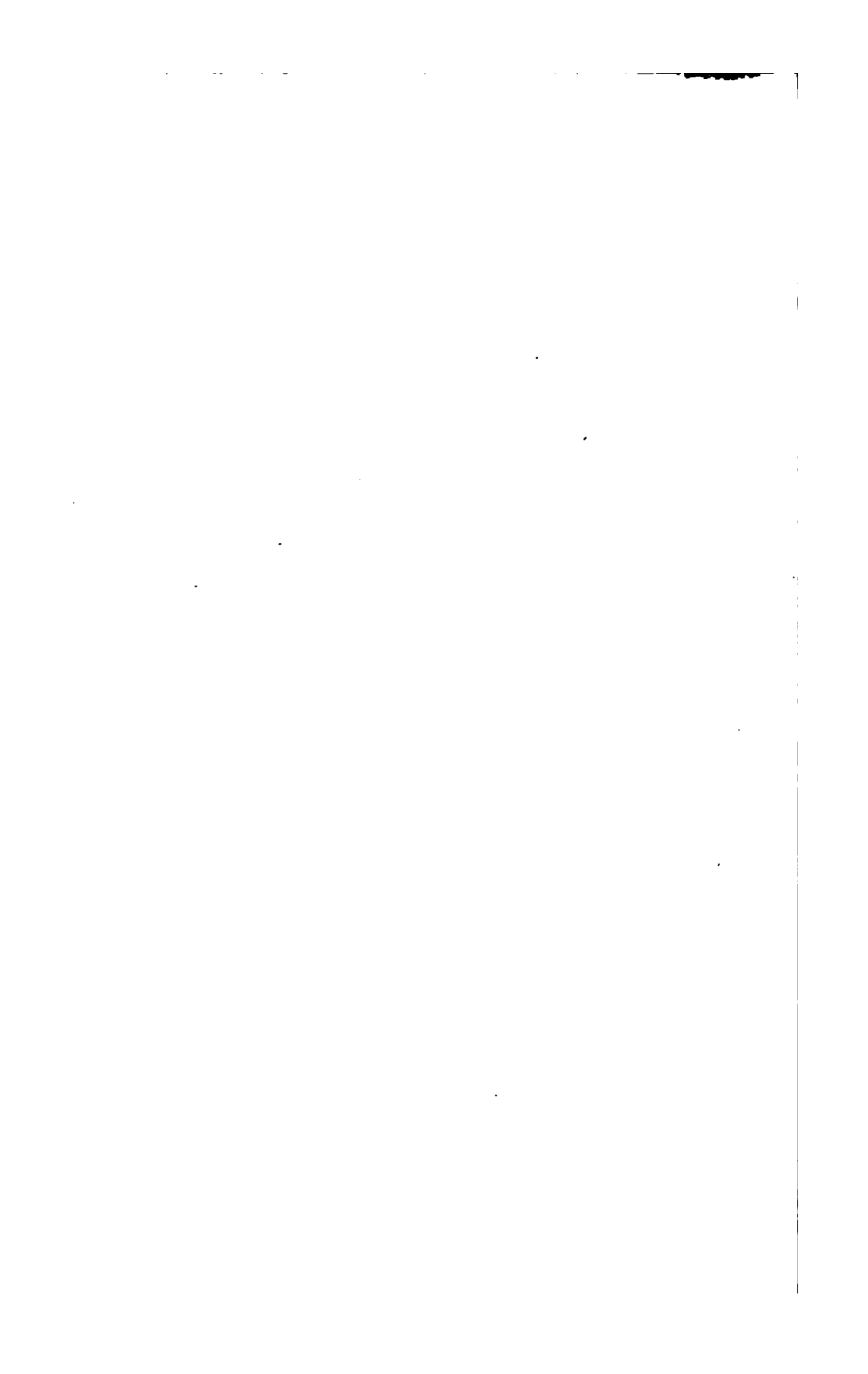


*Pavia húmilis péndula.*  
The pendulous-branched Pavia.



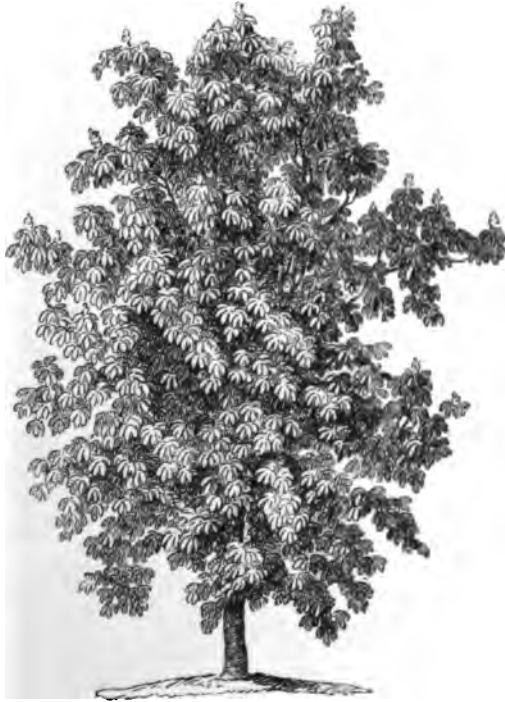
11 ft. high, 2½ in. diam.





*Pavia flava.*

The yellow-flowered, Pavia, or smooth-fruited Horse-Chestnut.



16 ft. high, 6 in. diam.





*Æsculus (Pavia) flava.*

The yellow-flowered (Pavia) Horse-chestnut.



Full-grown tree at Syon; 40 ft. high; trunk, 1 ft. 4 in. diam.; diam. of the head, 39 ft.





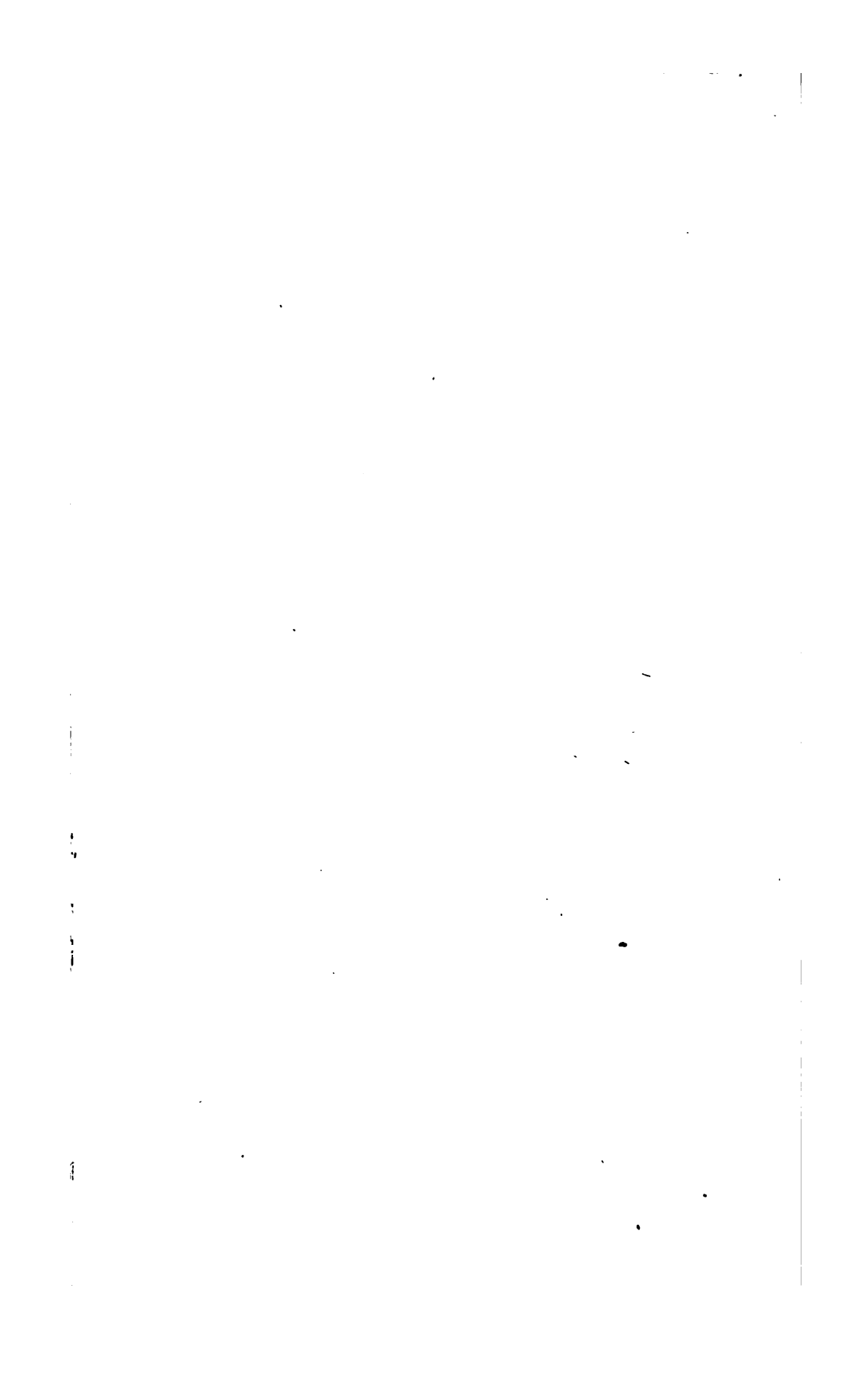


*Pavia macrocarpa.*  
The large-fruited Pavia.



12 ft. high, 3 in. diam.





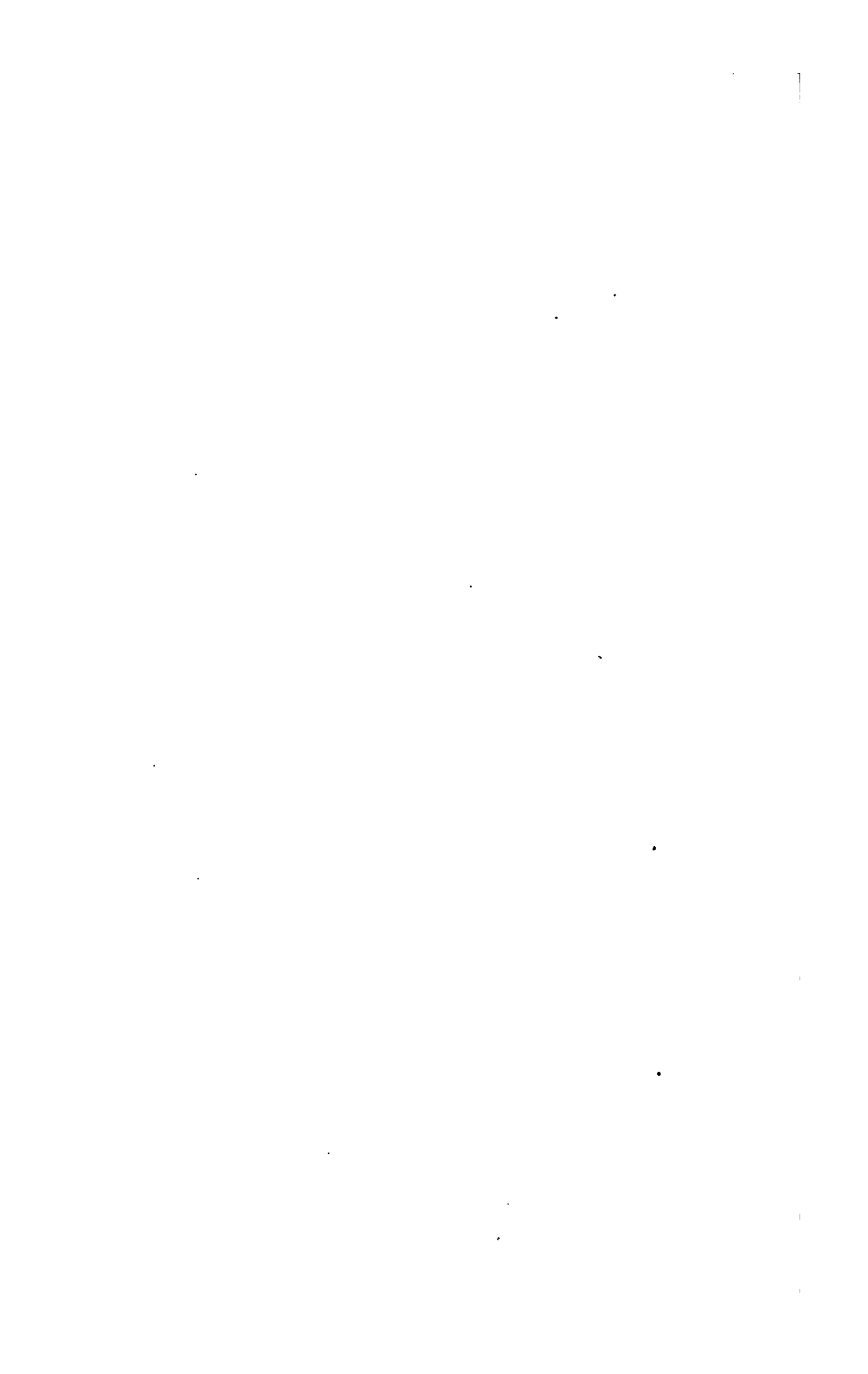
*Kölreutéria paniculata*.  
The paniced-flowering Kölreuteria.





*Xanthoxylon fraxineum.*  
The Ash-leaved Tooth-ache Tree.





*Ptelea trifoliata.*

The three-leafted Shrubby Trefoil.





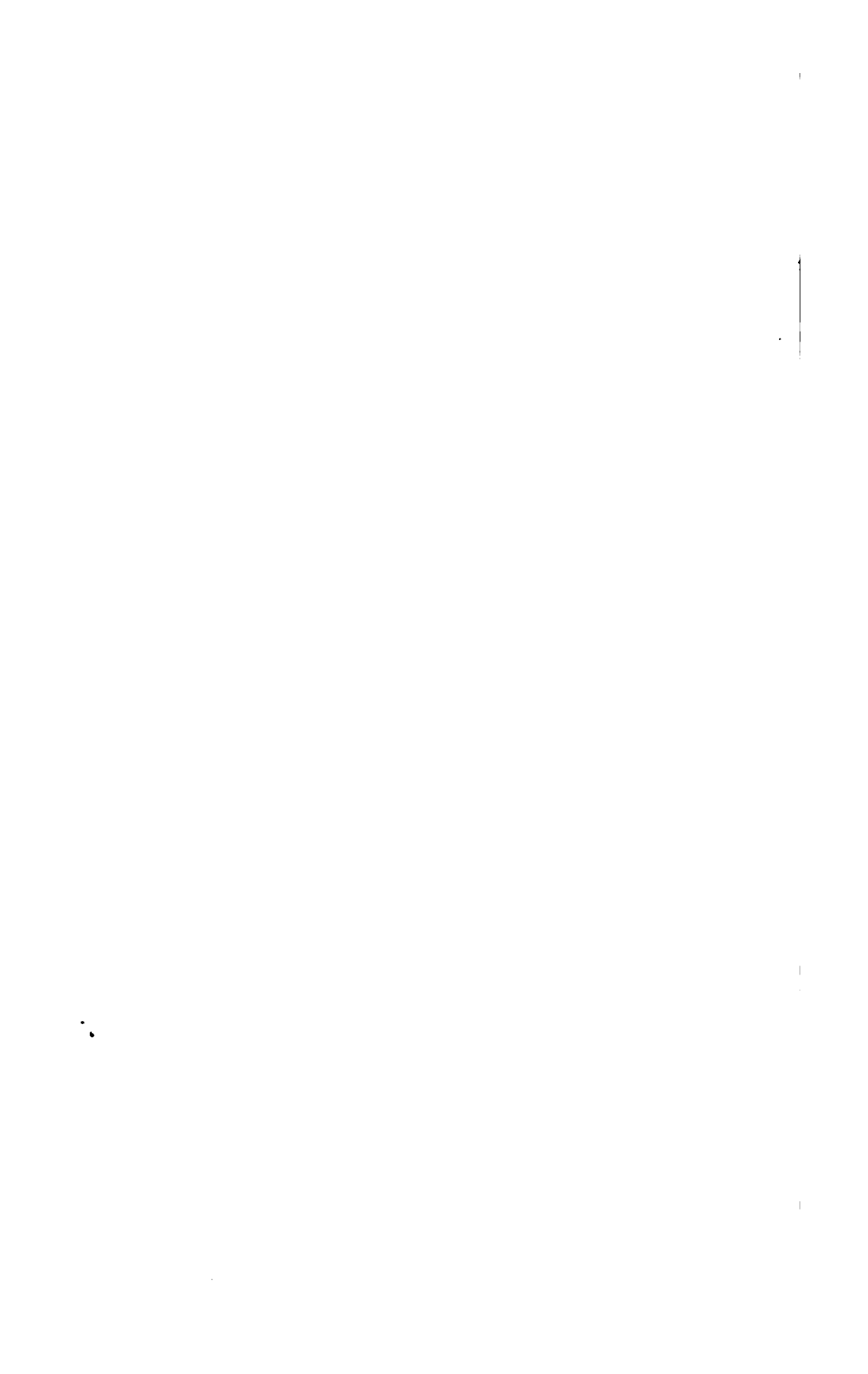


*Ailántus glandulosa.*

The glandulous-leaved Ailantus.



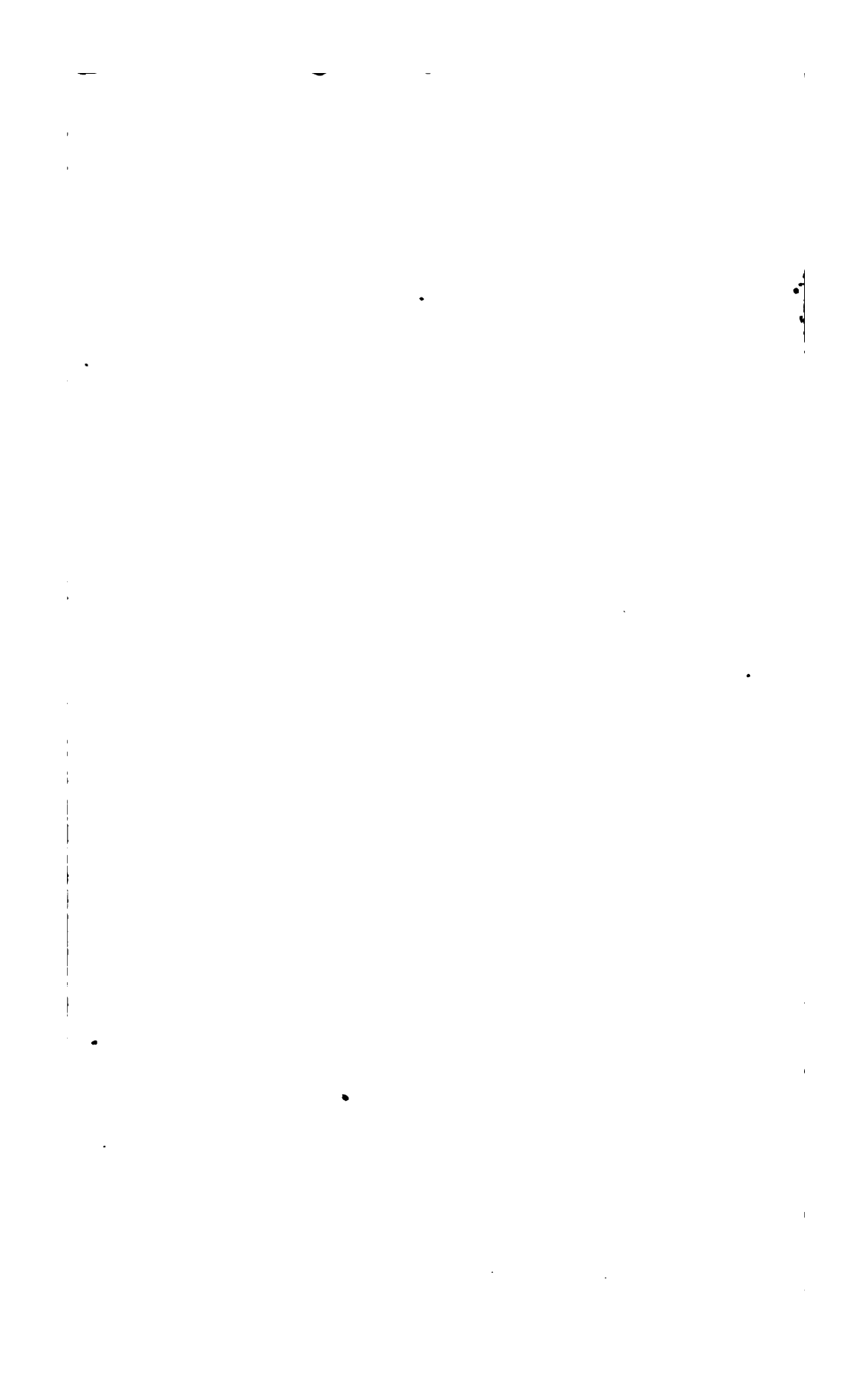
32 ft. high, 8 in. diam.



*Ailāntus glandulōsa.*  
The glandulous-*leaved* Ailantus.



Full-grown tree at Gyon, 71 ft. high.  
[Scale 1 in. to 12 ft.]



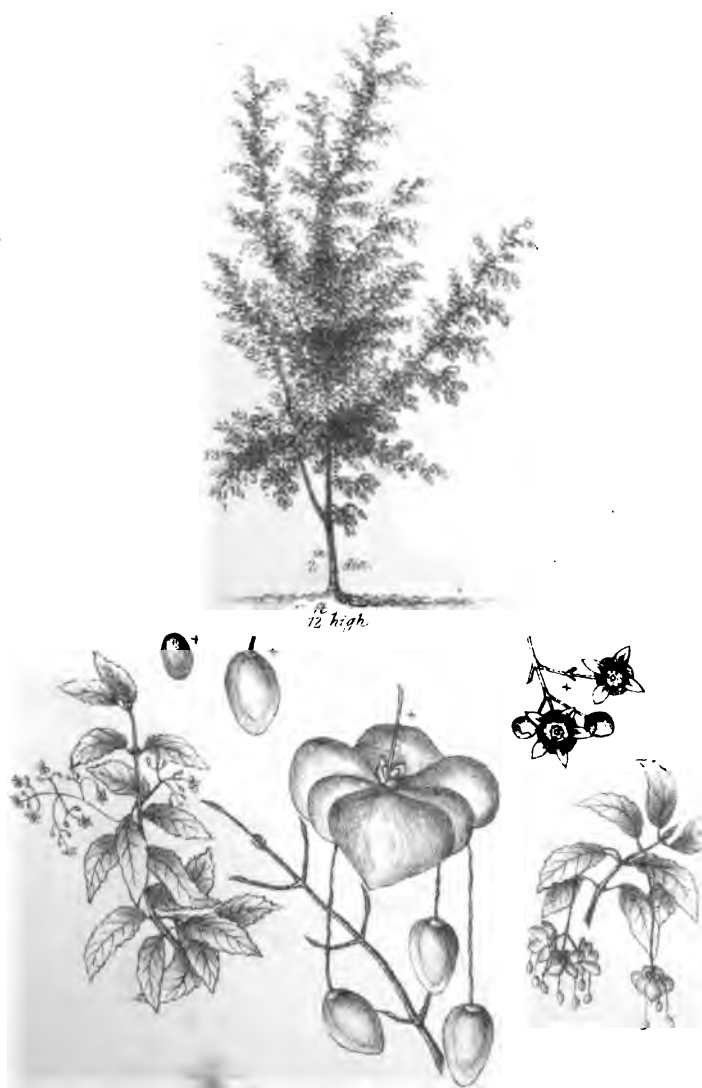
*Eucalyptus europæus*.  
The European, or common Spindle tree.





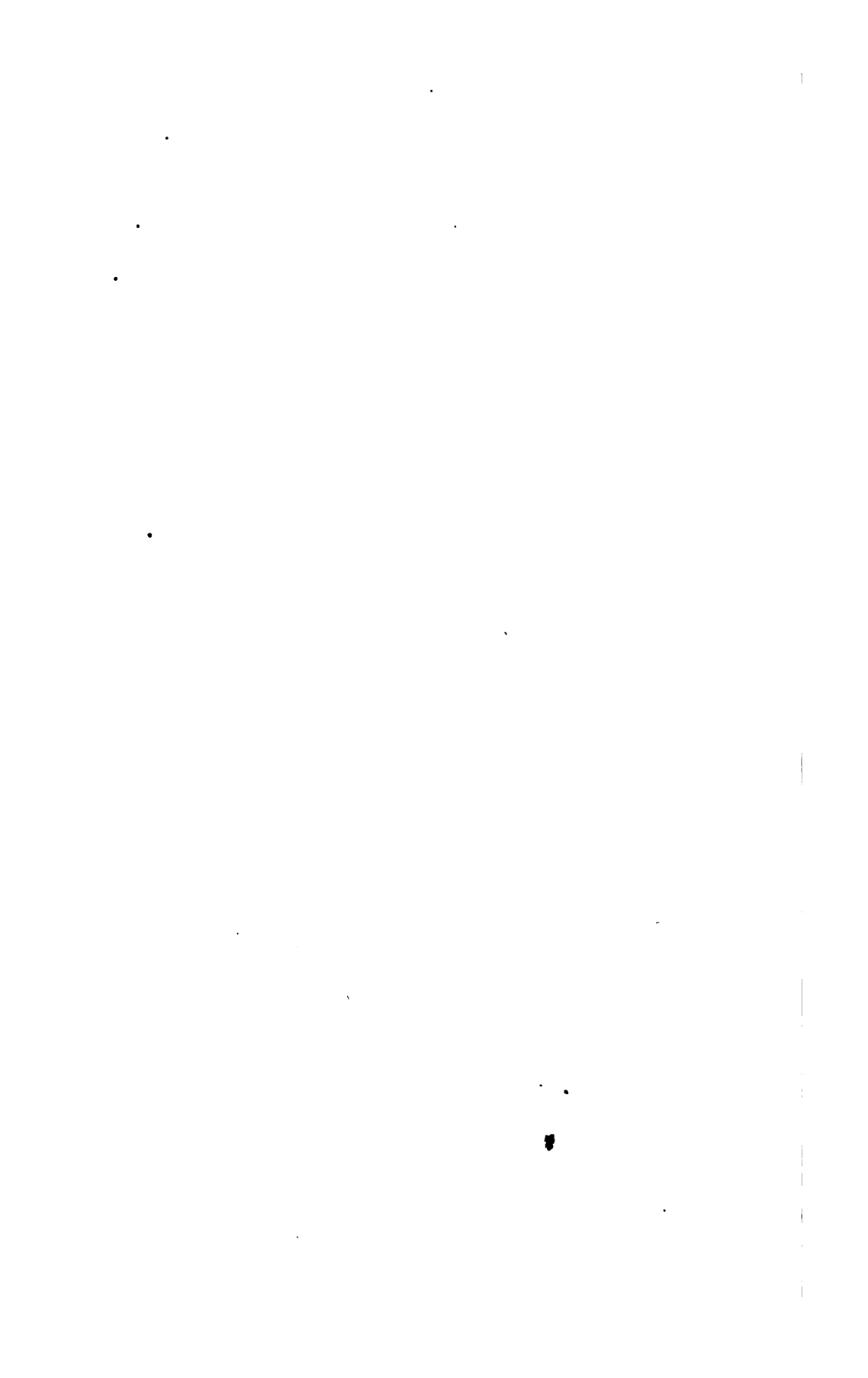
XII. B.  
*Euonymus latifolius.*  
 The broad-leaved Spindle tree.

58



Plants from seed by Day & Procter





*Ilex Aquifolium.*

The sharp-leaved, or common, Holly.



14 ft. high, 8½ in. diam





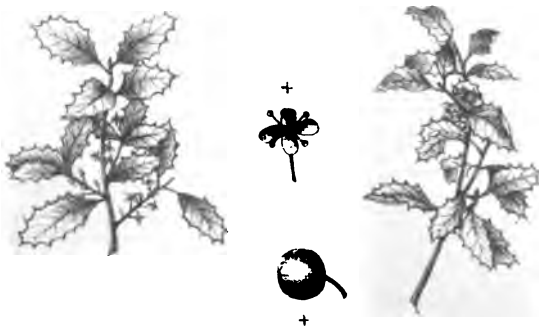
*Ilex Aquifolium.*

The sharp-leaved, or common, Holly.

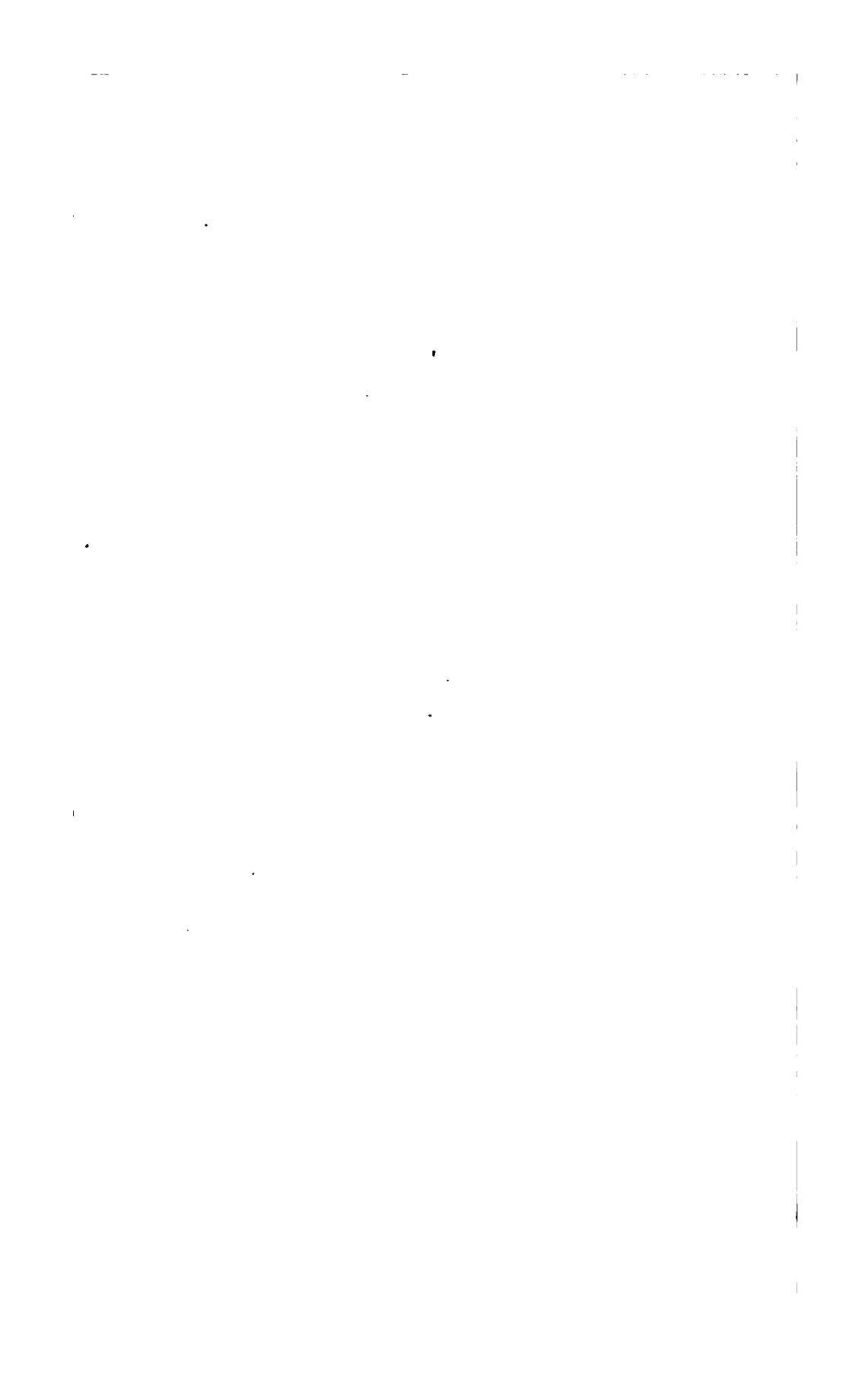




XIII. B.  
*Ilex opaca*.  
 The opaque-leaved Holly.



Printed from a drawing by Day & Haghe



*Ílex opàca.*  
The opaque-*leaved* Holly.



Full-grown tree at Syon, 18 ft. high ; diam. of the trunk, 1 ft. ; and of the branches, 23 ft.  
[Scale 1 in. to 12 ft.]

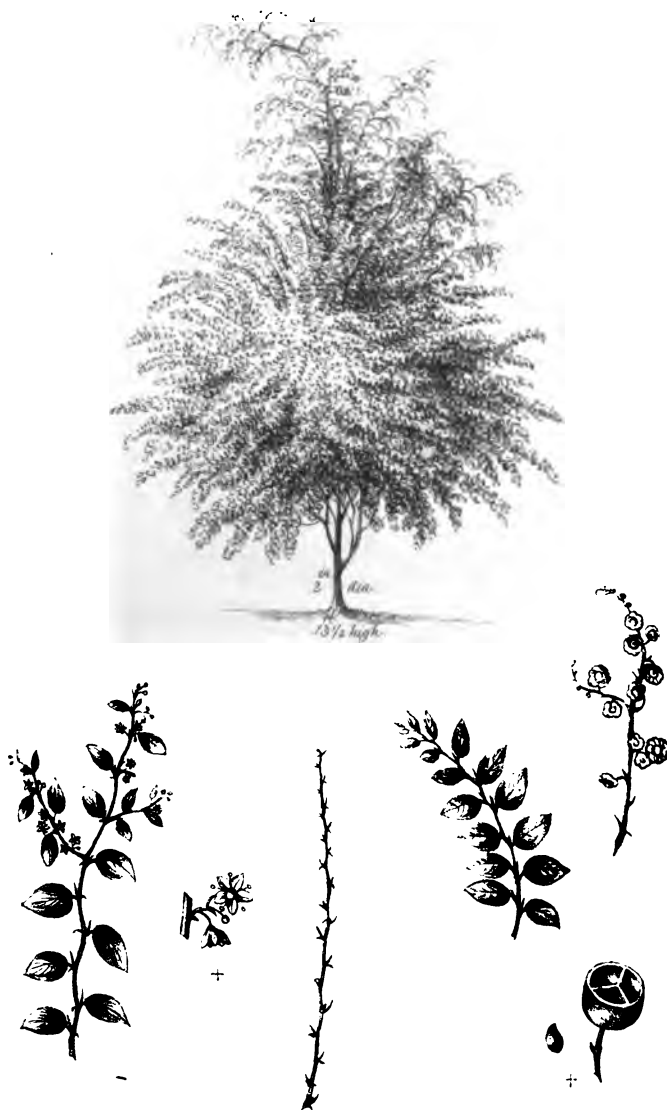






XIV.A.  
*Paliurus aculeatus.*  
 The prickly Christ's Thorn.

61



Printed from Zinc by Day & Haghe.



*Paliurus aculeatus.*

The prickly Paliurus, or *Christ's thorn*.



Full-grown tree at Syon: 33 ft. high: diam. of the trunk, 1 ft. and of the head, 30 ft.  
[Scale 1 in. to 12 ft.]





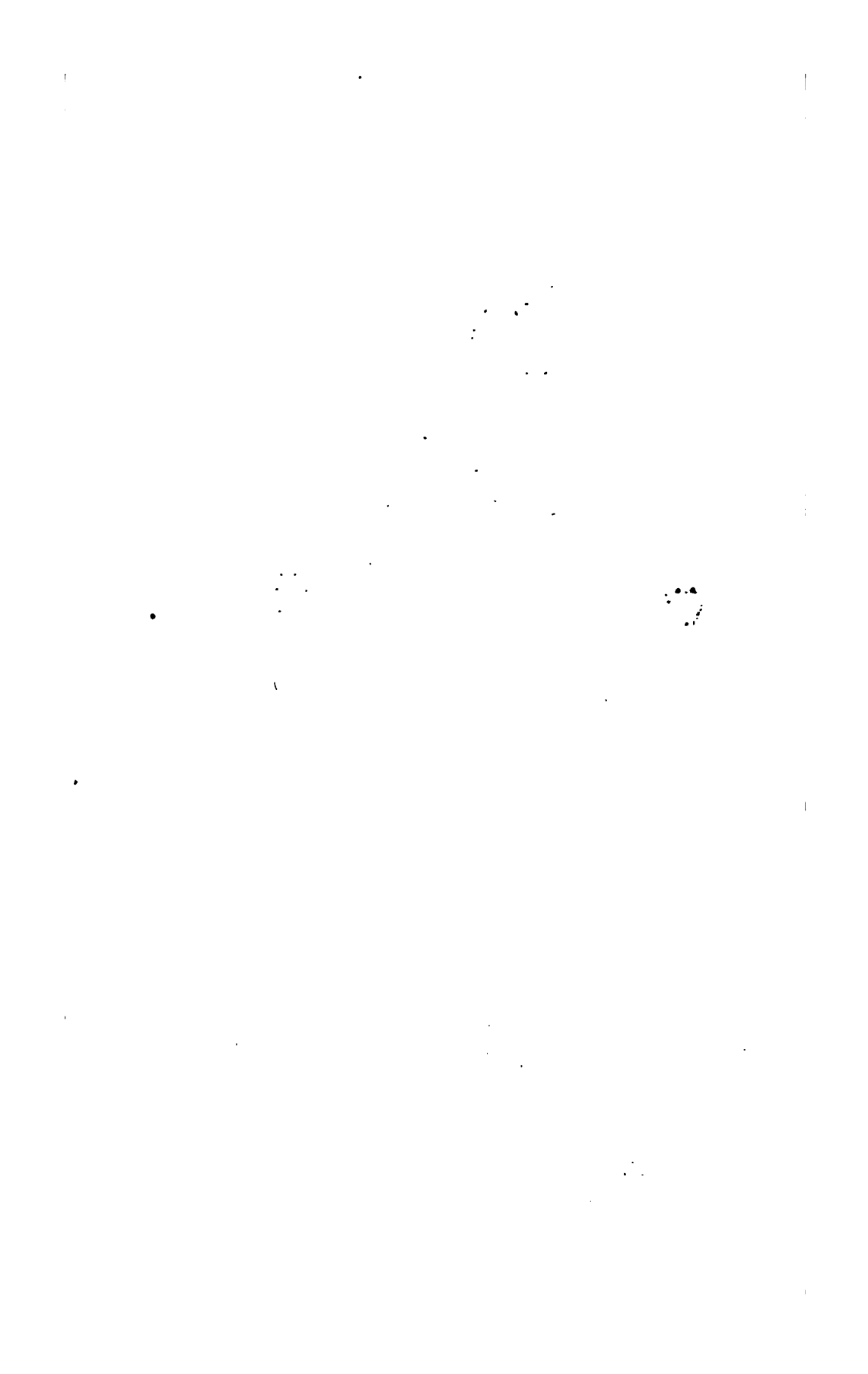
XV.A.  
*Rhamnus cathartica.*  
 The purging Buckthorn.

62



Printed from nature by Gay & Haſſon

+



XV.

62 c

*Rhámnus álpinus.*  
The Alpine Rhamnus, or *Buckthorn*.



11 ft. high, 3 in. diam.





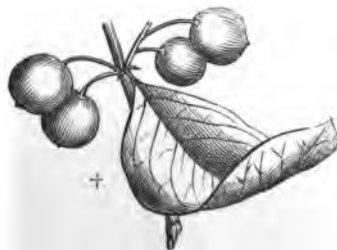


*Rhámnus Fróngula.*

The Frangula, or brittle-wooded, Buckthorn.



10 ft. high, 1½ in. diam

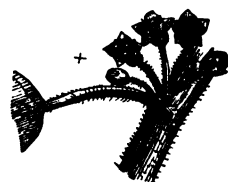


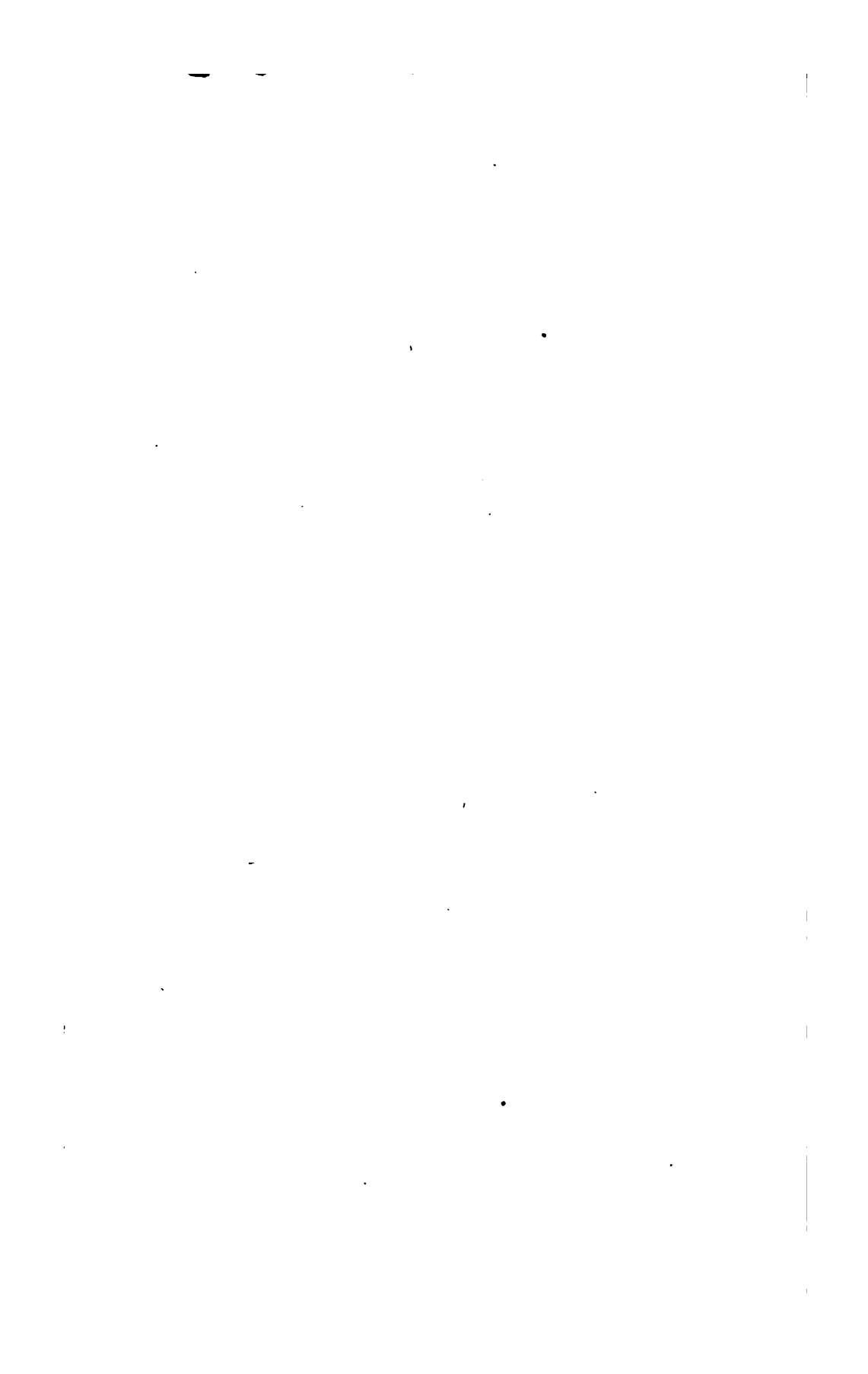


*Rhúmnus latifólius.*  
The broad-leaved Buck-thorn.



11 ft. high, 3 1/2 in. diam.



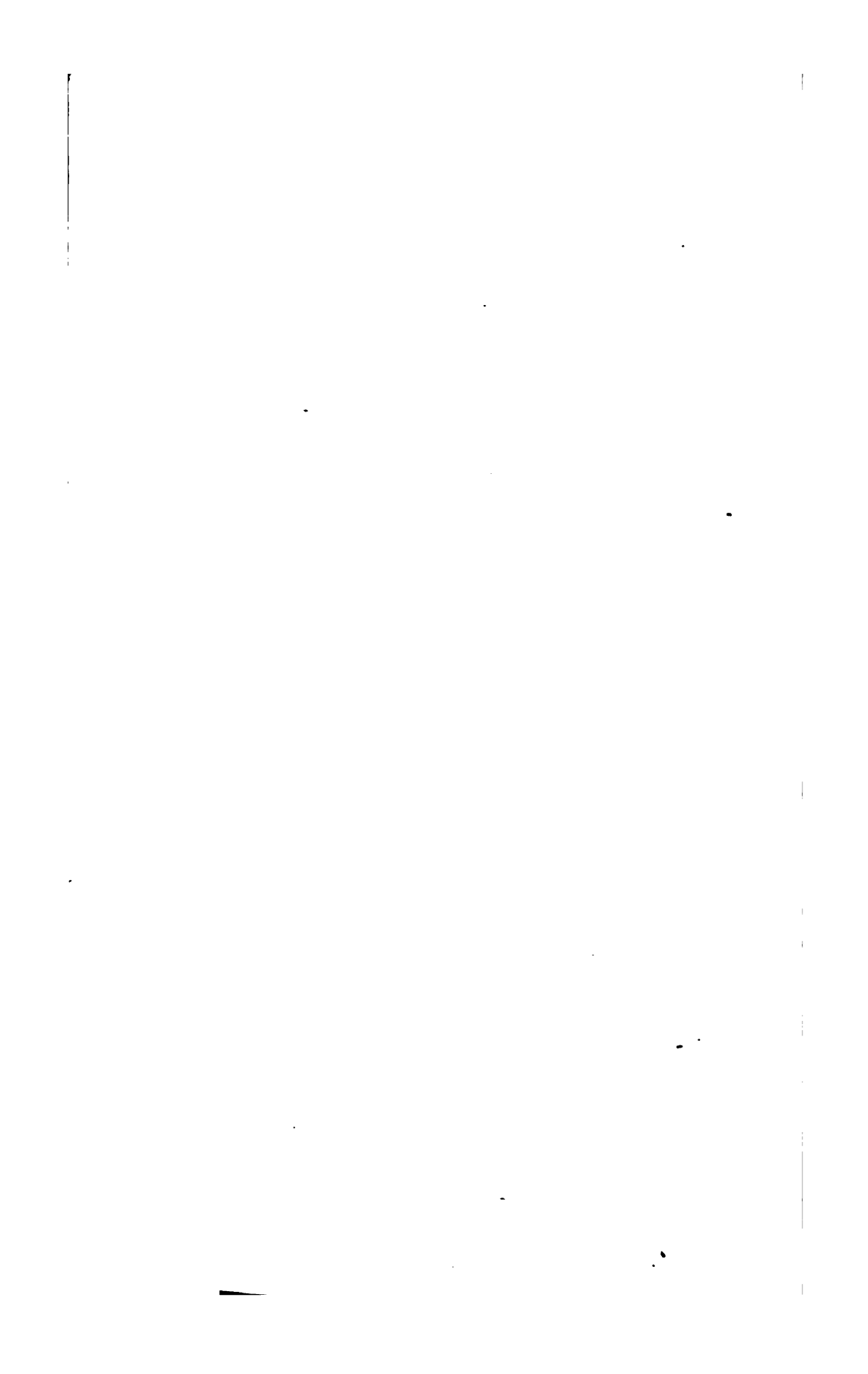


*Aristotèlia Mácqui.*  
The Macqui Aristotelia.



10 ft. high, 1½ in. diam.





*Sophora japonica.*  
The Japanese Sophora.



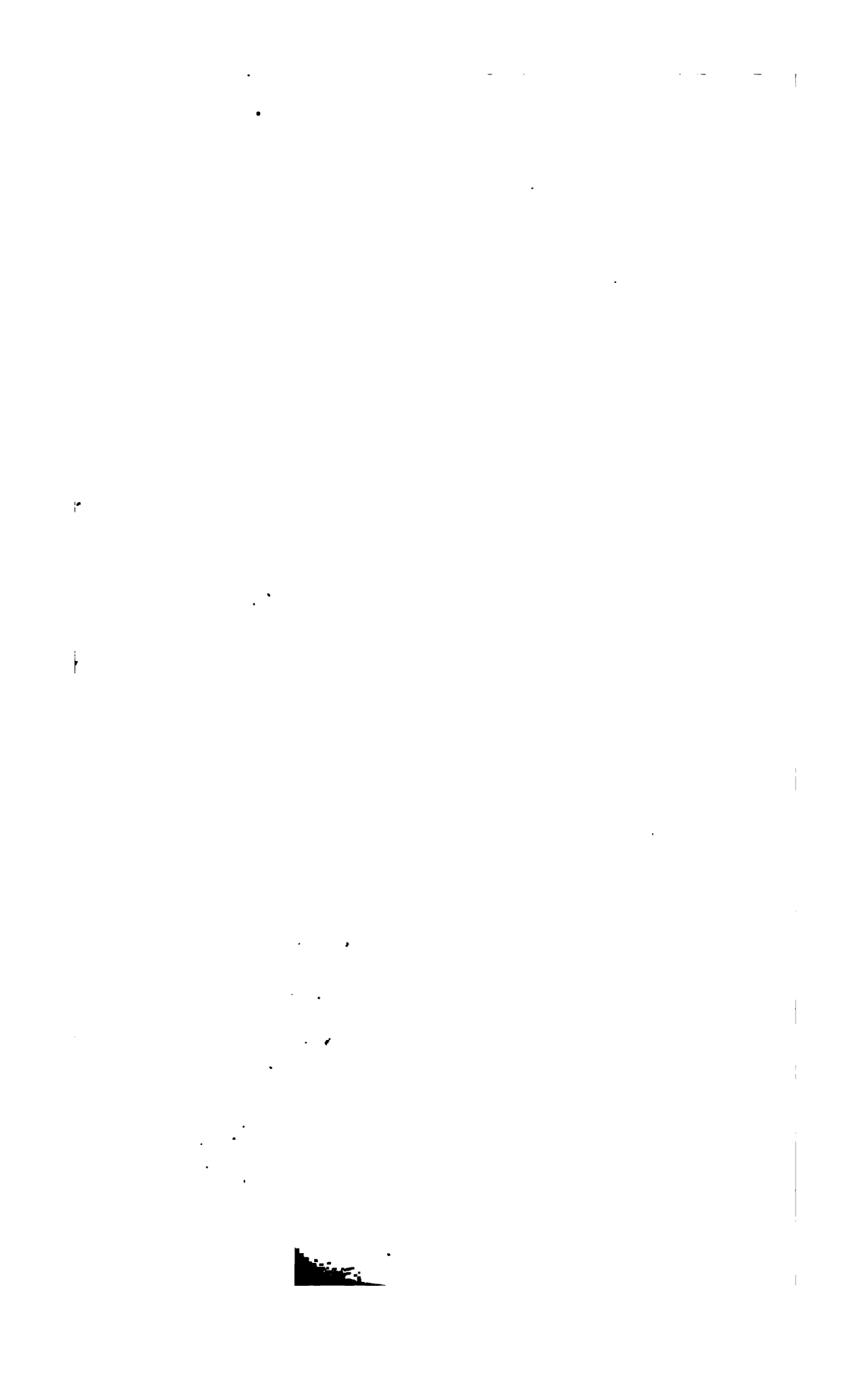
20 ft. high, 9 in. diam.











*Sophora japonica péndula.*  
The drooping-branched Japanese Sophora.



12 ft. high, 3 in. diam.





XVIII. A .  
*Virgilia lutea* .  
The yellow-flowered Virgilia .

66



Printed from Zinc by F. Schlegel

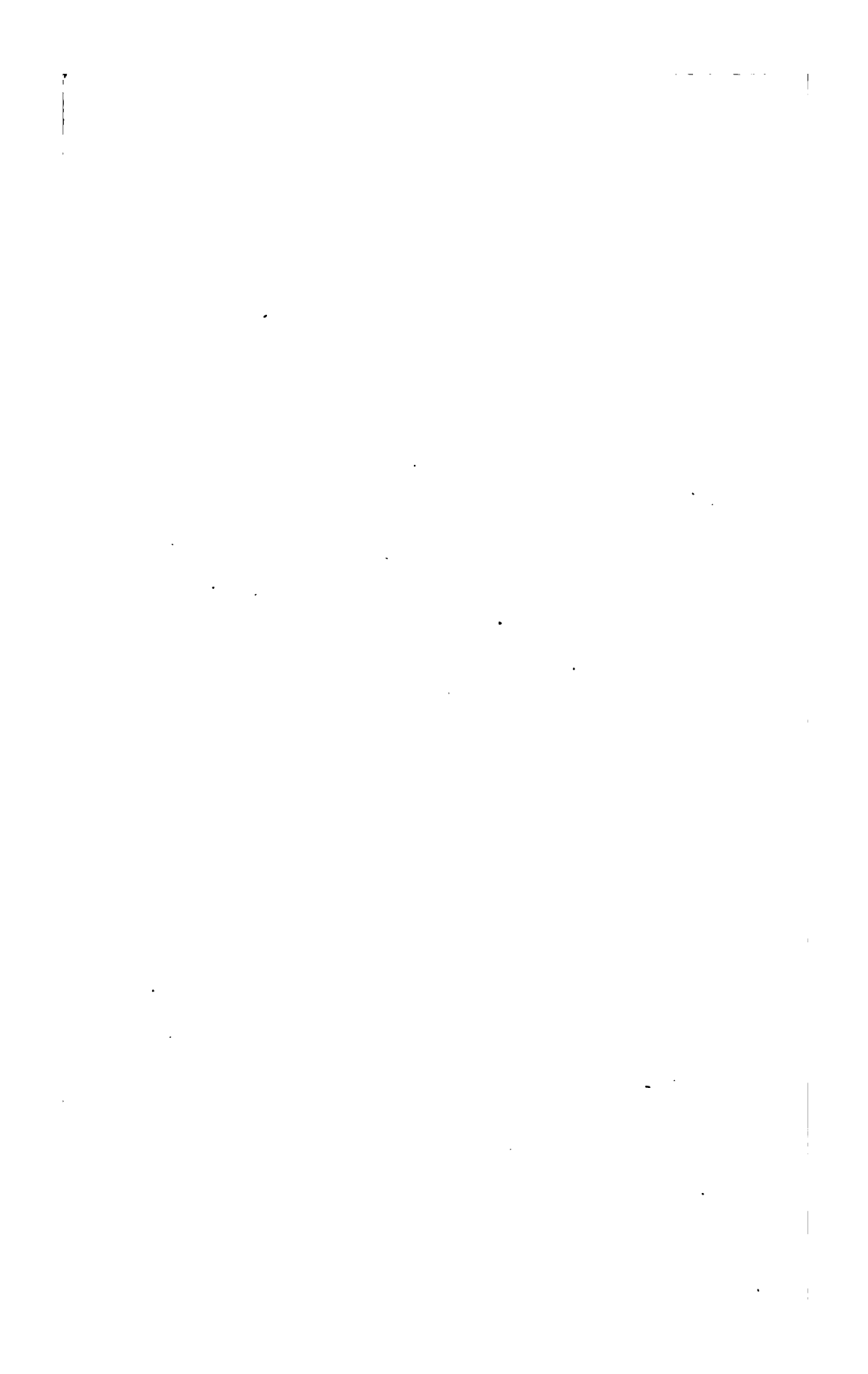


*Cytisus Laburnum.*  
The *common* Laburnum.



Printed from Zinc by Day & Haghe.





XIX.B.

65

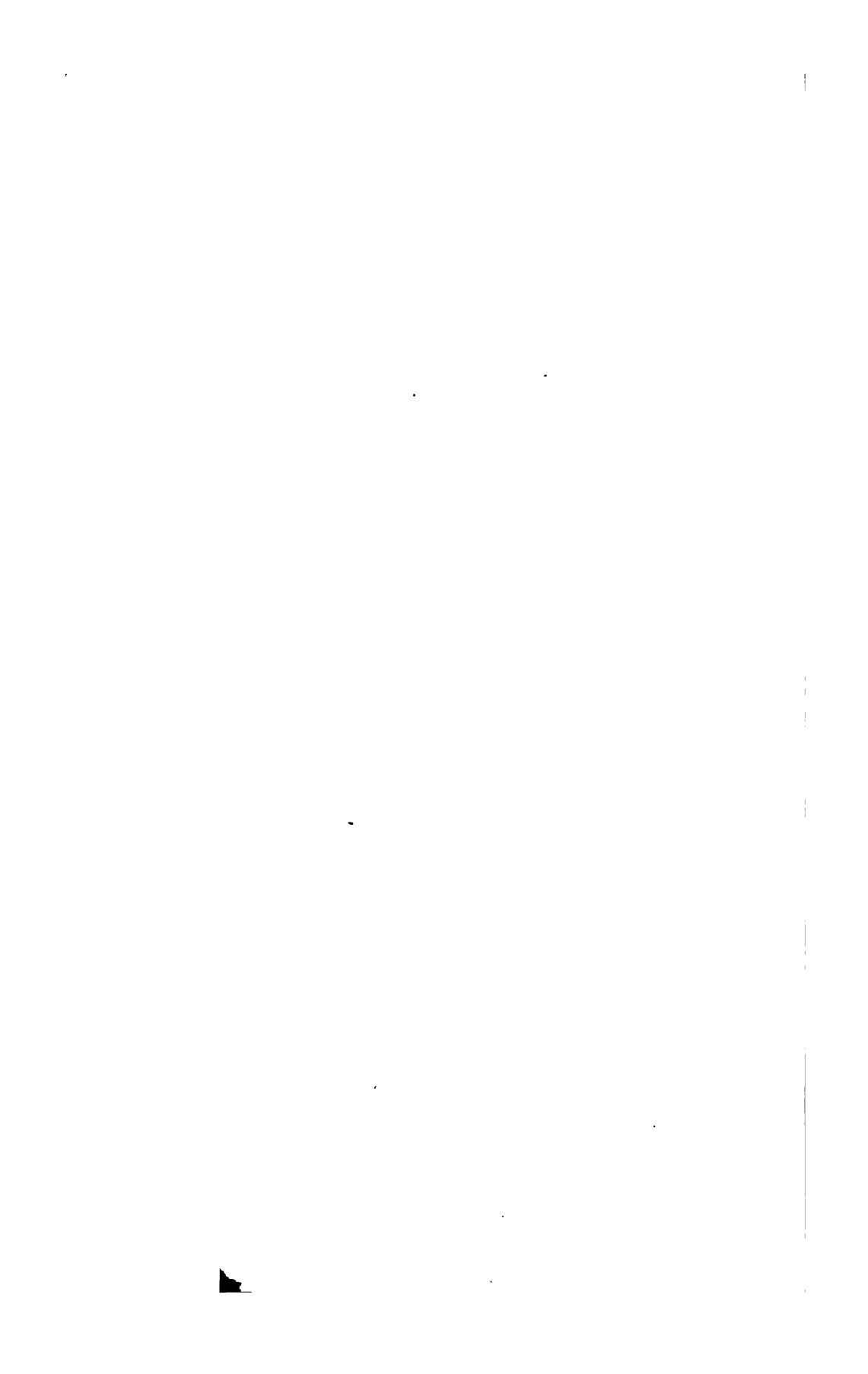
*Cytisus Laburnum incisum.*  
The cut-leaved Laburnum.



Printed from Zinc by Day & Haghe



*Cytisus alpinus.*The alpine *Cytisus*, or *Scotch Laburnum*.



*Cytisus L. alpinus pendulum.*  
The pendulous Alpine, or Scotch, Laburnum.



12 ft. high, 2½ in. diam.



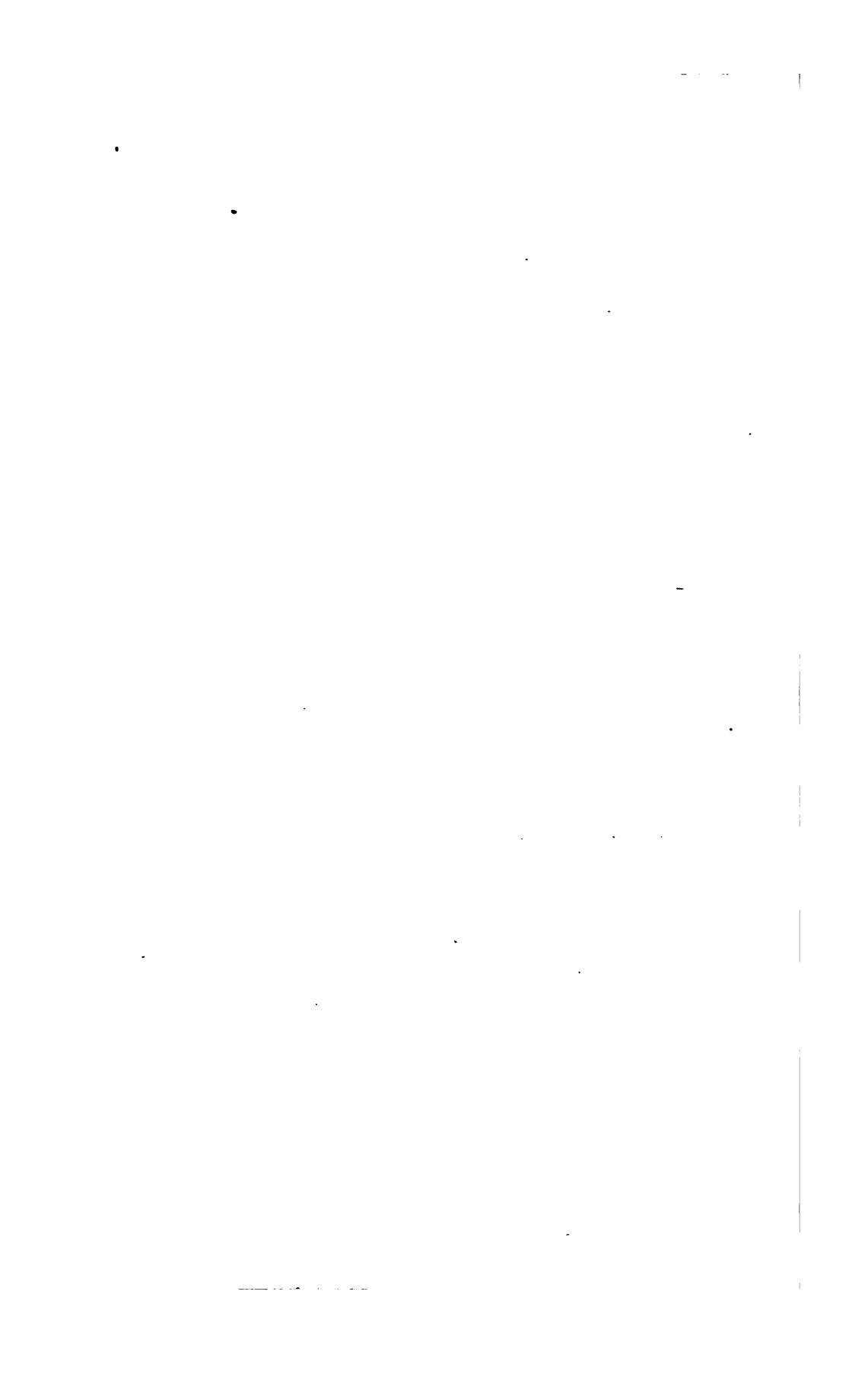


XX.A.  
*Robinia Pseud-Acacia.*  
 The common Locust, or Bastard Acacia.

71







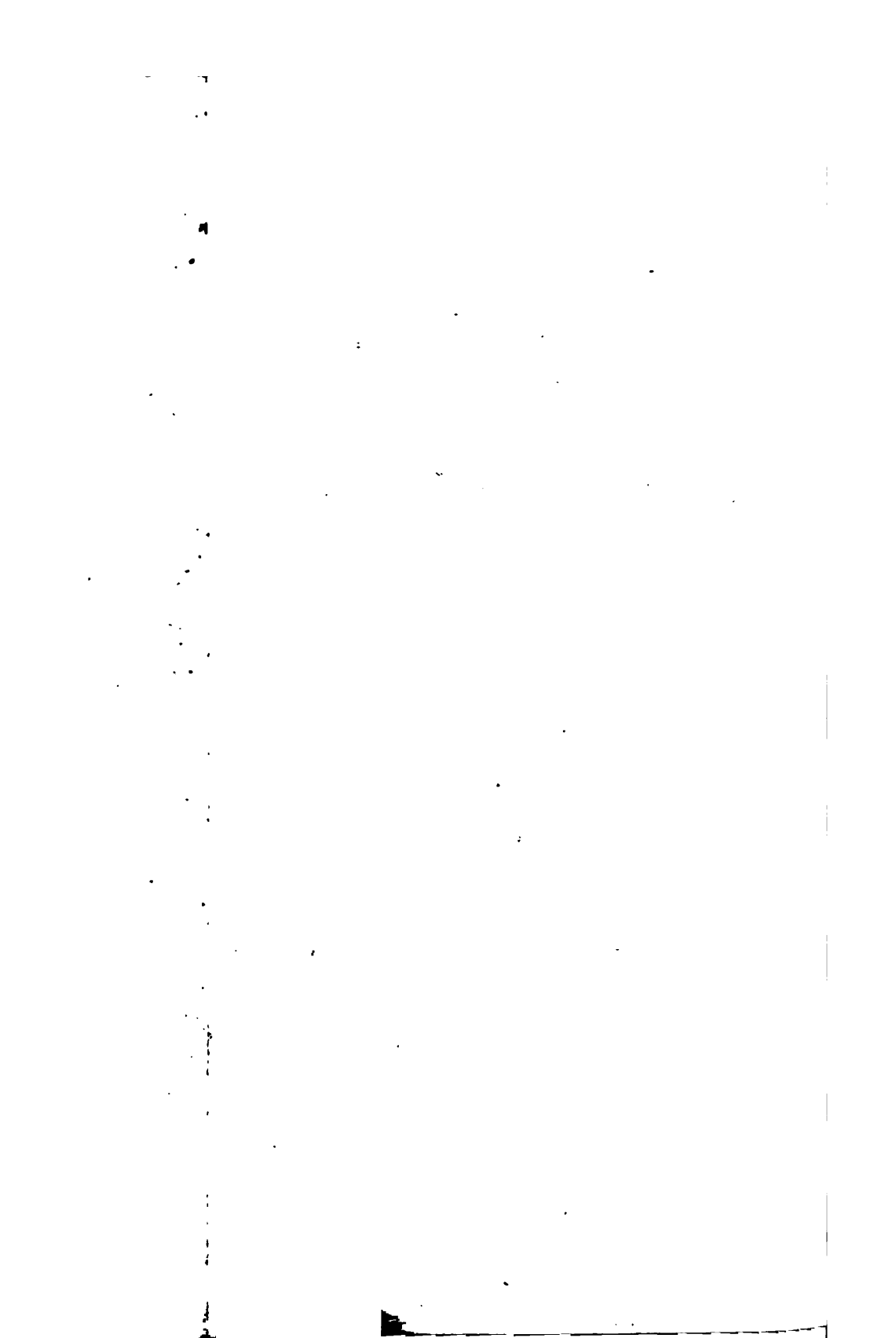
XX.A.  
*Robinia Pseud-Acacia.*  
 The common Locust, or Bastard Acacia.

71









*Robinia Pseud-acacia umbraculifera.*

The Umbrella, or Parasol, False Acacia Robinia.





*Robinia Pseud-Acacia tortuosa.*

The twisted-leaved Robinia or False Acacia.



12 ft. high,  $3\frac{1}{2}$  in. diam.







XX. c.  
*Robinia viscosa.*  
The viscid-barked Locust.

75





*Robinia (hispida) macrophylla.*

The long-leaved Robinia, or *Rose Acacia*.



24 ft. high, 2½ in. diam.





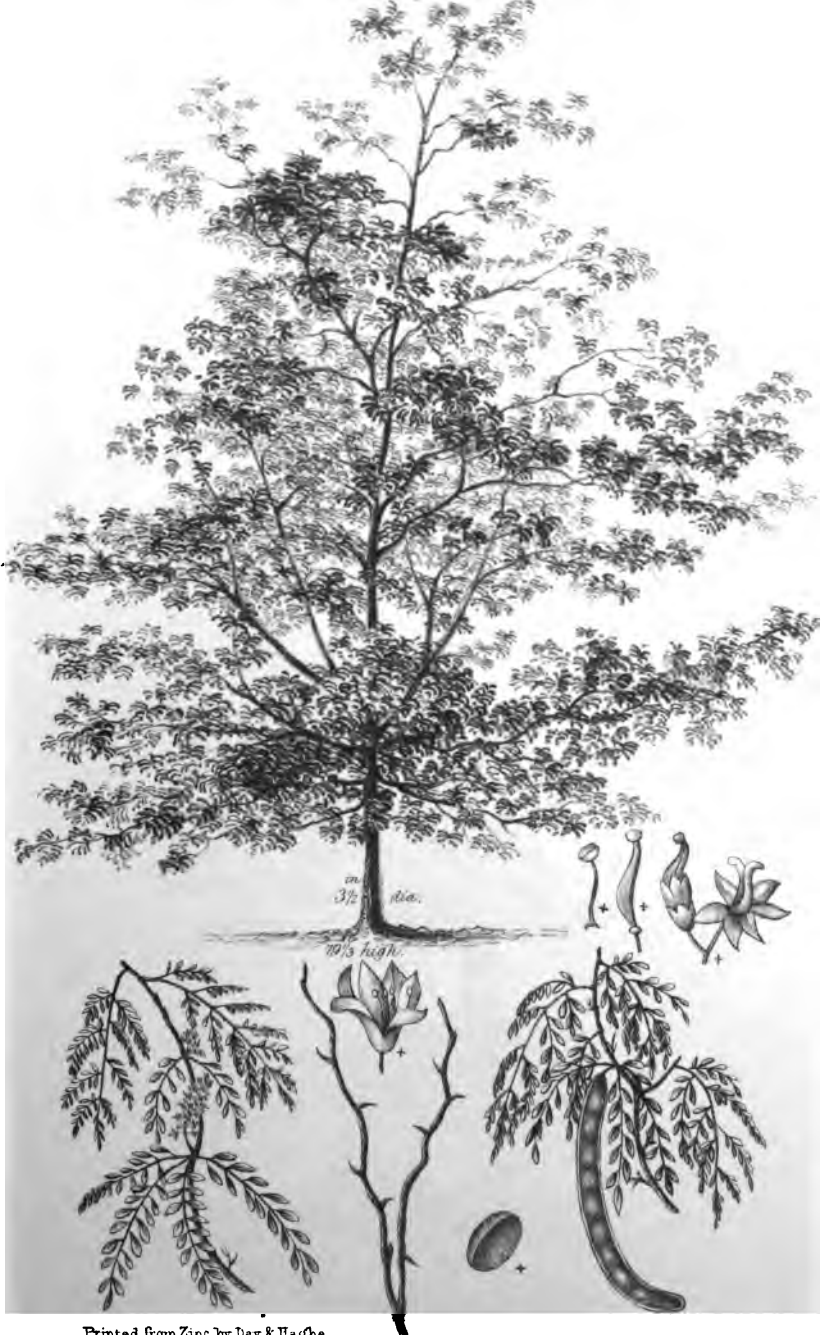
XXIIA  
*Caragána arboréscens.*  
The arborescent Siberian Pea tree.

75



Printed from Linley, Day & Hughes



*Gleditsia triacanthos.*The three-spined *Honey Locust*, or *Gleditsia*.



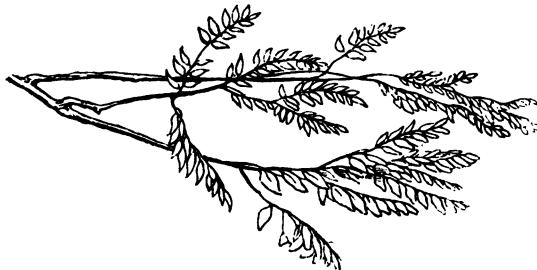


*Gleditschia triacanthos.*

The three-thorned Gleditschia, or *Honey Locust*.



Full-grown tree at Syon, 68 ft. high; diam. of the trunk, 2 ft. 3 in.; and of the head, 40 ft.  
[Scale 1 in. to 12 ft.]





*Gleditsia (triacanthos) inermis.*

The unarmed or thornless *Gleditschia*, or *Honey Locust*.





*Gleditschia inermis.*The unarmed *Gleditschia*, or Honey Locust Tree.

Full grown tree at Syon, 72 ft. high; trunk, 2 ft. 4 in. diam.; head, 71 ft. diam.

[Scale 1 in. to 12 ft.]





*Gleditsia hórrida.*

The horrid-spined *Gleditschia*, or *Honey Locust*.



Full-sized tree from Syon; 54 ft. high; trunk, 3 ft. diam.; diam. of the head, 54 ft.





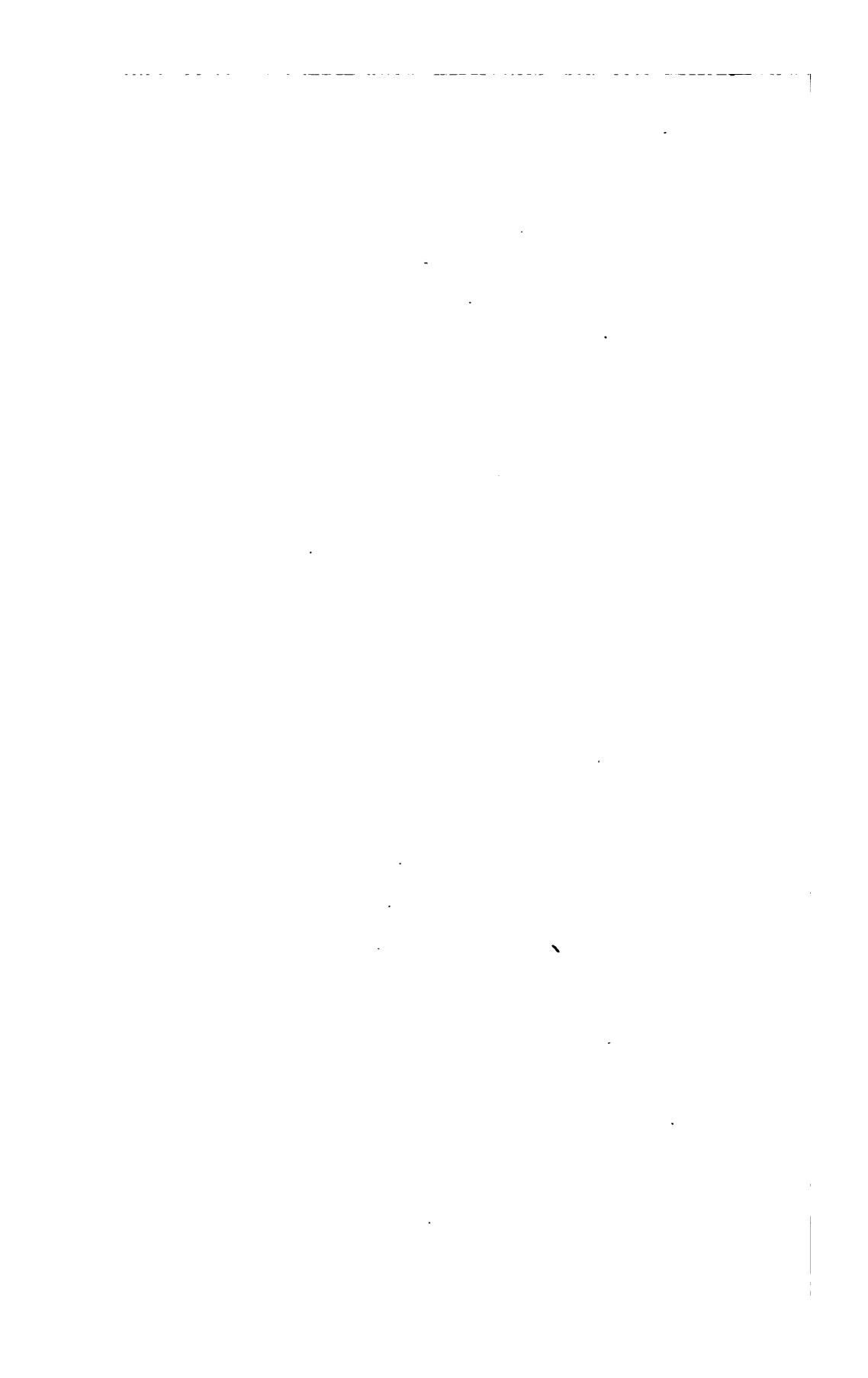


*Gleditschia japonica.*  
The Japan Gleditschia.



10 ft. high, 2½ in. diam.





*Gleditschia hórrida nàna.*

The dwarf horridly-spined Gleditschia, or *Honey Locust*.





*Gleditsia hórrida purpúrea.*

The purple horridly-spined *Gleditschia*, or *Honey Locust*.



12 ft. high, 2 in. diam.





*Gleditschia macracantha.*

The long-spined *Gleditschia*, or *Honey Locust*.

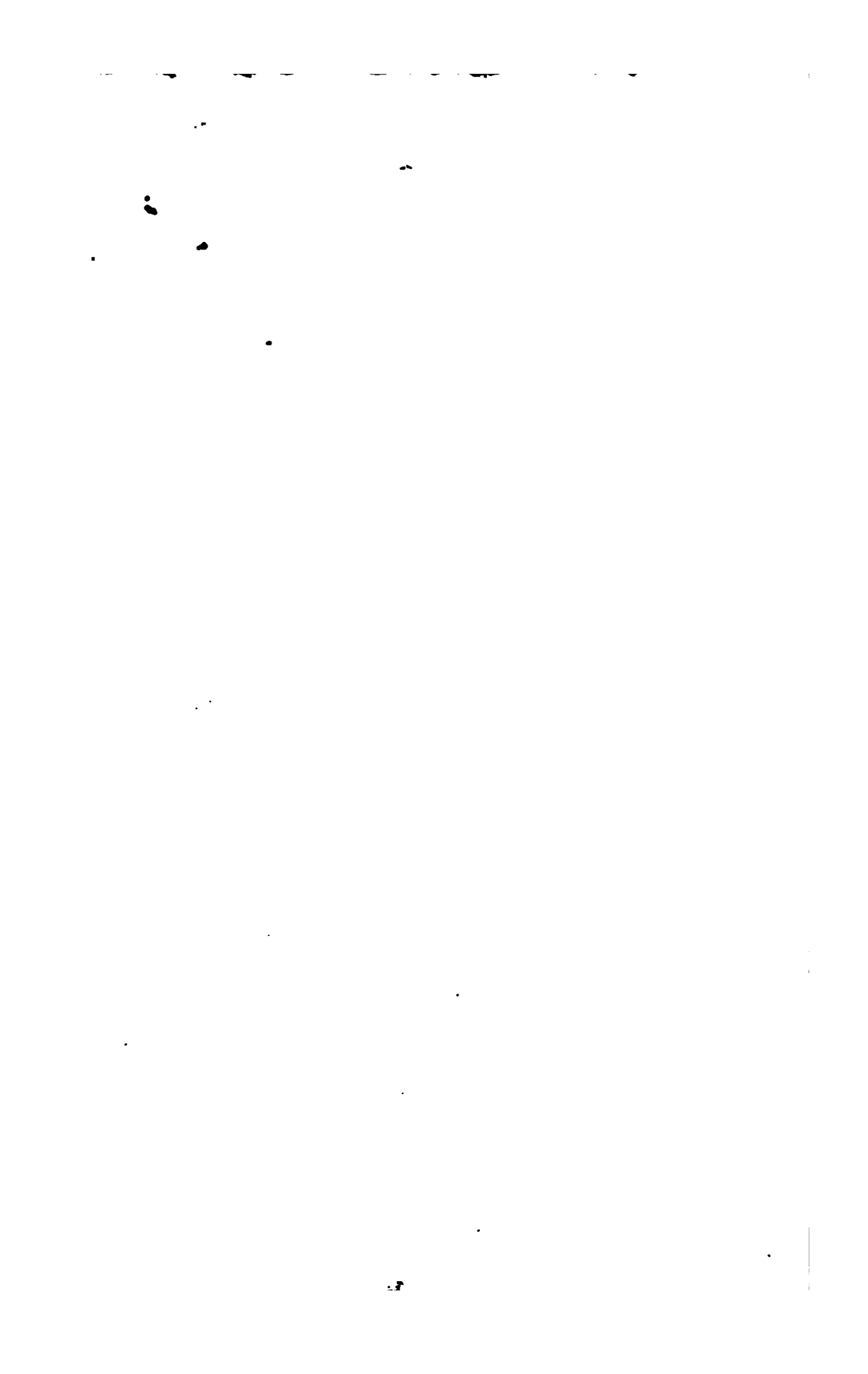


Full-grown tree at Senou, 67 ft. high; diam. of the trunk, 3 ft.; and of the head, 63 ft.

[Scale 1 in. to 12 ft.]



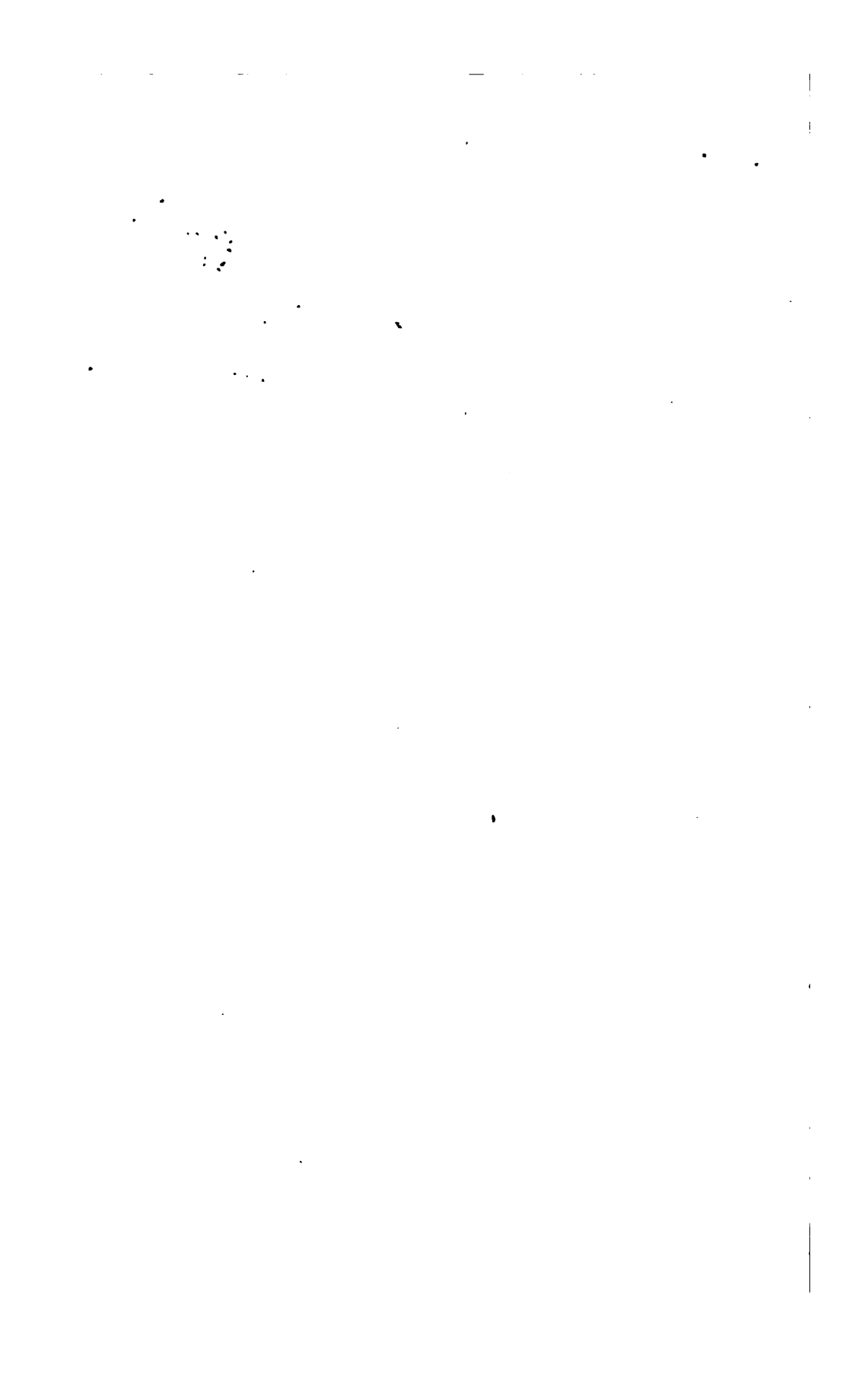




*Gymnocladus canadensis.*

The Canadian Gymnocladus, or Kentucky Coffee tree.





*Gymnocladus canadensis.*

The Canadian Gymnocladus, or *Kentucky Coffee tree*.



Full-grown tree at Syon; 57 ft. high; diam. of the trunk, 3 ft.; and of the head, 47 ft.  
[Scale 1 in. to 12 ft.]





XXV. A.  
*Cercis Siliquastrum*.  
 The common Judas tree.

83





*Cercis Siliquástrum.*  
The *common* Judas tree.



Full grown tree at Syon, 24 ft. high ; diam. of the trunk, 2 ft. ; and of the head, 32 ft.  
[Scale 1 in. to 12 ft.]







*Cercis canadensis.*

The Canadian Judas tree.



10 ft. high, 2 in. diam.





XXI. A.  
*Acacia dealbata*.  
 The whitened Acacia.

74.



Printed from Zinc by Dorr & Hapke.

